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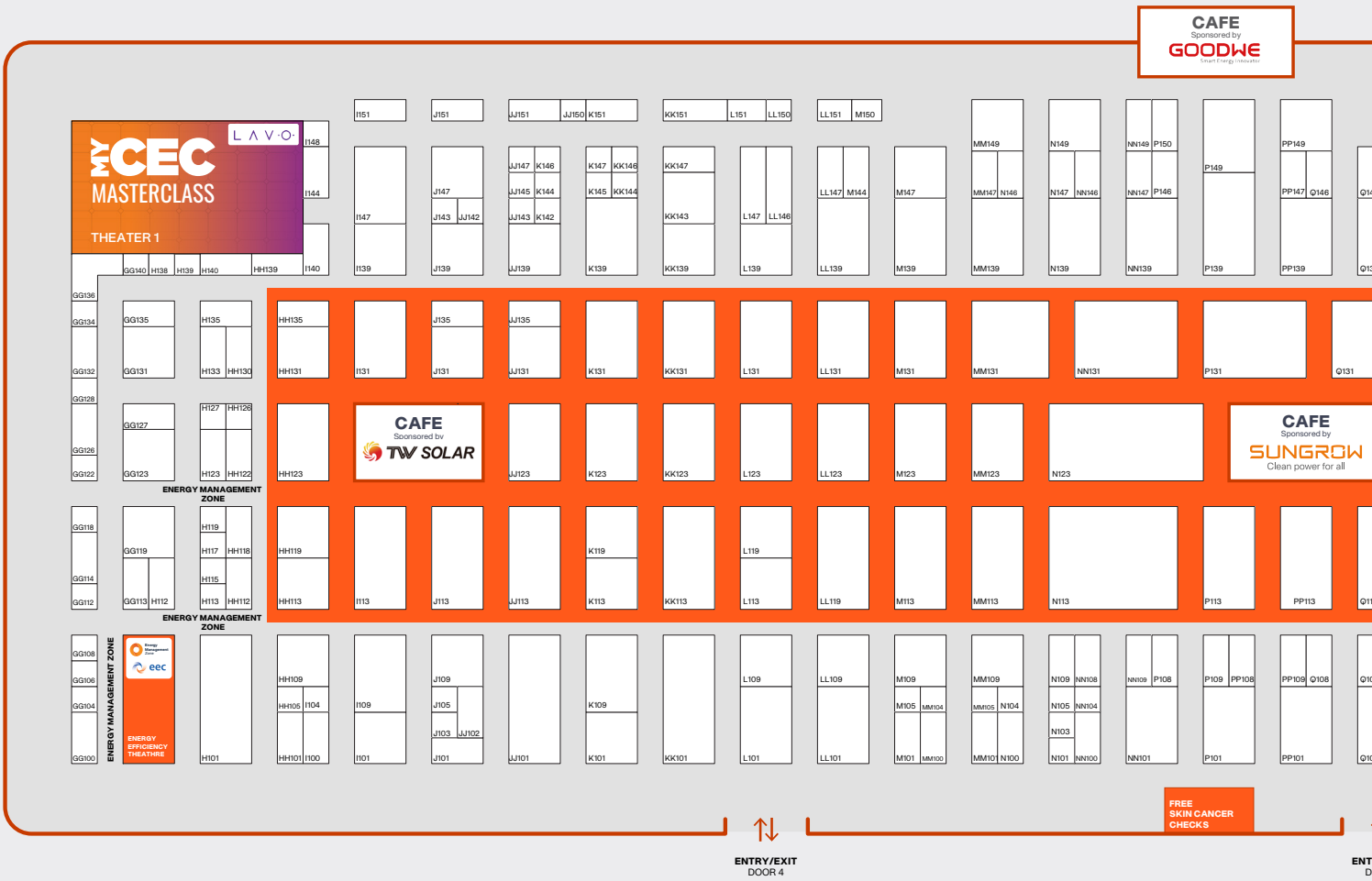
CLEAN ENERGY COUNCIL



DIGITAL TRADE GUIDE

23-24 OCTOBER 2024 | MELBOURNE CONVENTION & EXHIBITION CENTRE | all-energy.com.au

FLOOR PLAN



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Stand NN131

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Stand QQ123

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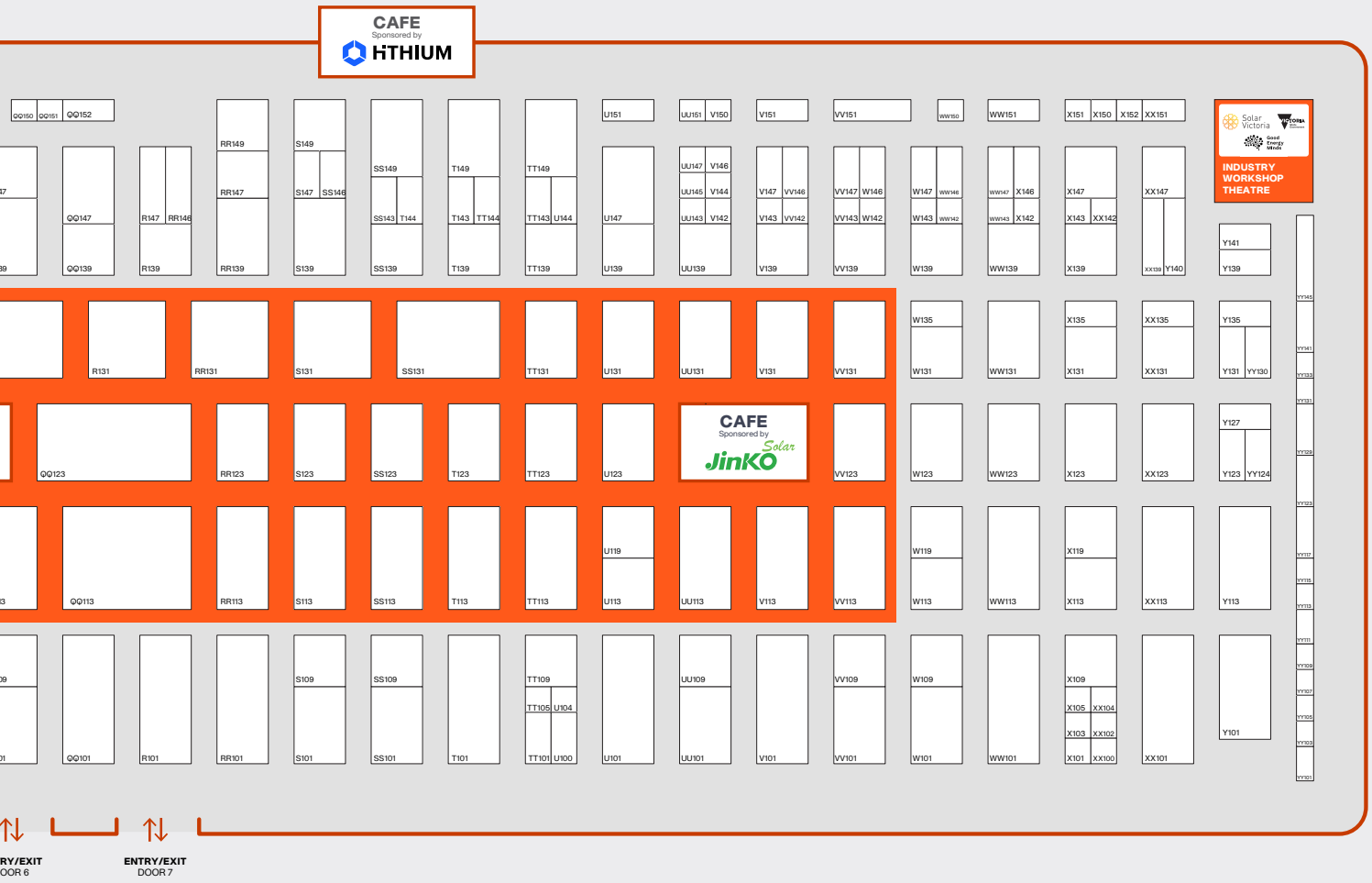
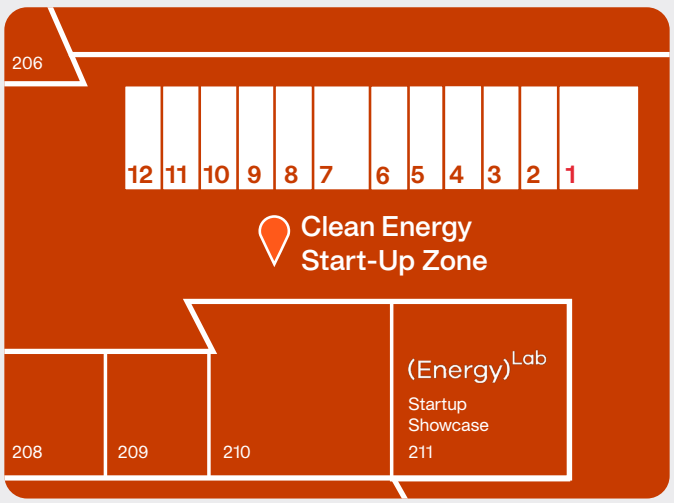
Stand SS113



Through to Convention Centre



Clean Energy Start-Up Zone
Convention Centre, Level 2

More info

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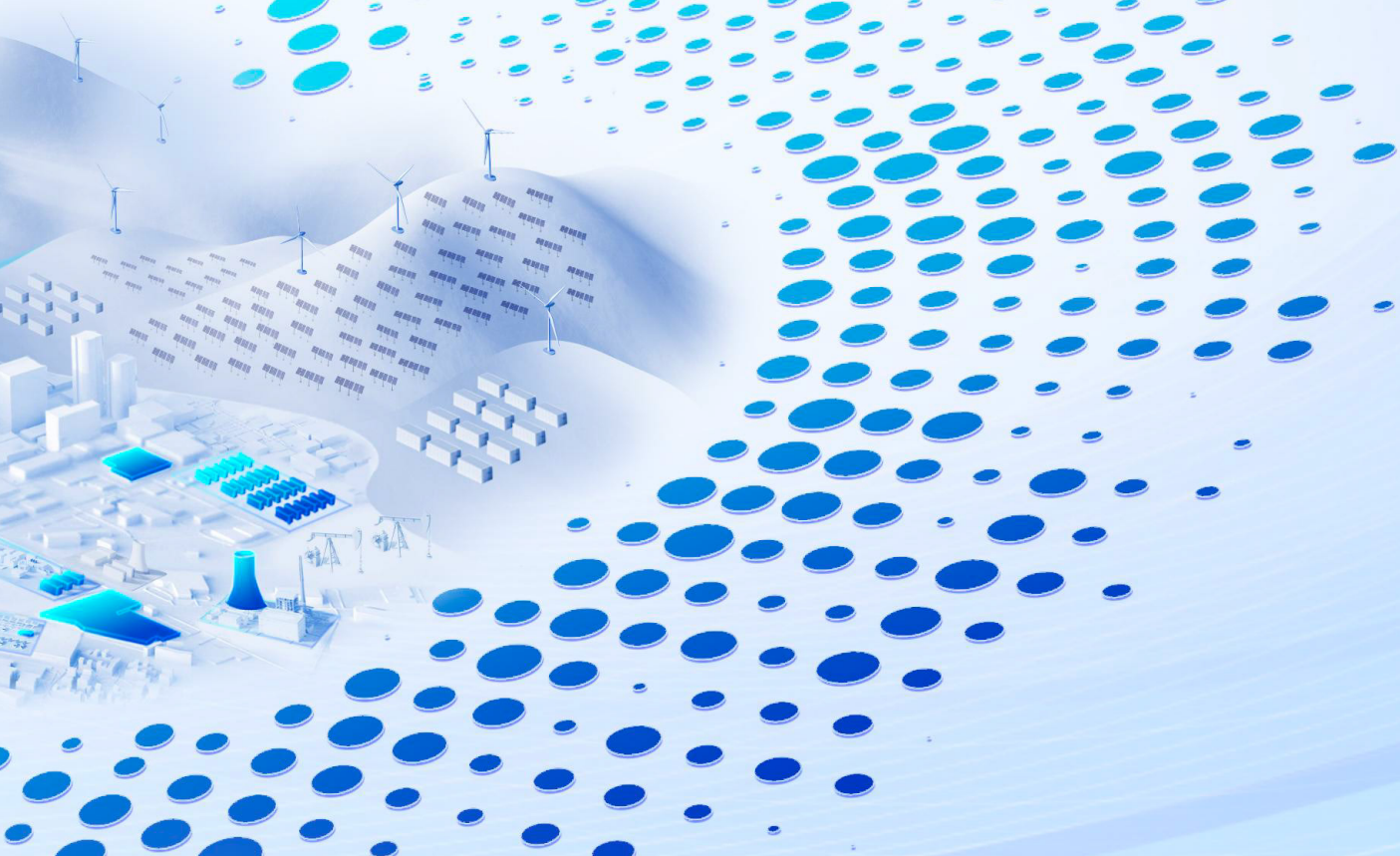

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EXHIBITOR PROFILES

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national body representing the electric vehicle Australia.

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n is to drive investment and awareness to the electrification of transport, for a inable and prosperous Australia.

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GENERAL INFORMATION

EXHIBITION HOURS

Wednesday 23rd October
9:00am – 5:00pm

Thursday 24th October
9:00am – 5:00pm

MYCEC MASTERCLASS

Wednesday 23rd October
9:30am - 4:00pm

Thursday 24th October
10:00am - 4:00pm

VENUE

MCEC - Exhibition Centre
2 Clarendon Street,
South Wharf, Melbourne
Victoria, Australia 3006.
mcec.com.au

GRAND NETWORKING EVENT

sponsored by

REC

The perfect way to end a busy first day, All Energy Australia provides a relaxed informal environment to network with your community. Enjoy a few drinks while making new contacts and friends.

When: Wednesday, 23rd October 2024, 5:00pm - 6:30pm

Where: Melbourne Room, Level 2, Melbourne Convention & Exhibition Centre

ADMISSION

Admission is free to trade personnel. It is a condition of entry that all trade visitors are registered. Students or children under the age of 14 will not be admitted unless accompanied by an adult. Groups of students will not be admitted except by prior arrangement with the organisers.

▷▶▷ REGISTER NOW ▷▶▷

VISITOR BADGES

Visitor badges must be worn at all times whilst inside the exhibition. Don't forget to bring a printed copy or a copy saved on your phone of your registration confirmation email. On the day of the event, have your QR code scanned at any of the registration areas to print your badge. Registration is located at the entrance on the concourse from door 4 of the exhibition centre.

CANVASSING

Canvassing for business by any unauthorised persons is strictly prohibited. The display and distribution of printed or other materials (except by exhibitors within their own stands) is prohibited.

CUSTOMER SERVICE

Customer service is located on the concourse of the exhibition centre at door 7.

SECURITY

Uniformed security guards will be on duty for the duration of the exhibition. The venue is also under constant video surveillance.

PHOTOGRAPHY/VIDEO

Taking photographs or recording videos within the exhibition is strictly prohibited.

Waste Expo AUSTRALIA

co-located event

All Energy Australia 2024 is located with Waste Expo Australia 2024



GRAND NETWORKING EVENT

SPONSORED BY REC

Join us at the Grand Networking Event, sponsored by REC, on the evening of Wednesday 23 October 2024. This is the chance for you to network with and learn from your peers to exchange ideas, form business relationships an work together on key industry challenges.

Wednesday, 23rd October 2024
5:00pm - 6:30pm
Melbourne Room, Level 2, MCEC

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Smart Energy Innovator

EcoSmart
Commercial

Go Big...



ECOSMART COMMERCIAL

EcoSmart Commercial offers a wide portfolio of products for business applications of all sizes, with a range of BIPV products, inverters, energy storage and EV charging.



- Visit the GoodWe booth at All Energy to find out more.

GOODWE
Smart Energy Innovator

EcoSmart Home

...Or Go Home



ECOSMART HOME

EcoSmart Home comprises of a full suite of products to provide a tailored, system solution for homes of all sizes, from BIPV rooftop products, the widest range of inverters and energy storage solutions on the market combined with smart EV charging solutions.



- Visit the GoodWe booth at All Energy to find out more.

GETTING THERE

BY CAR & PARKING

If you're being dropped off at the Exhibition Centre, our Clarendon Street entrance is the closest entrance. If you're getting a lift to the Convention Centre, the entrance near DFO is the closest drop off point. If you're driving in, there is an abundance of convenient secure car parking available around MCEC. Nearby options include the South Wharf Retail, Siddeley St, Freeway and Montague Streetcar parks.

Prefer to park onsite? Wilson Parking operates a secure underground car park at MCEC that offers a range of flexible rates. Book online before you visit to ensure you're guaranteed a great spot.

BOOK A CAR SPOT ONLINE

PARKING

Melbourne Convention and Exhibition Centre has a car park located within the Exhibition Centre. Plan ahead and book online via Wilson Parking.

MCEC PARKING RATES

0 - 0.5 Hours	**$15.00**	2 - 3 Hours	**$45.00**
0.5 - 1 Hours	**$22.00**	3 - 4 Hours	**$49.00**
1 - 1.5 Hours	**$29.00**	**Daily**	
1.5 - 2 Hours	**$37.00**	**Maximum**	**$58.00**

Weekend Rates – $22.00 flat rate per day. Additionally, there are secure Carparks located in and around South Wharf including, South Wharf Retail Carpark, Siddeley Carpark, Freeway Carpark and Montague Street Carpark.

BY TRAIN

Our closest station is Southern Cross. Once you exit the station, you can catch the 96, 109 or 12 tram routes and arrive at MCEC in just a few stops. For train timetables or further trip planning, use **Public Transport Victoria's Journey Planner.**

BY TRAM

Tram routes 96, 109 and 12 (Stop 124A Casino/ MCEC) will all take you to our Clarendon Street entrance. Otherwise, tram routes 70, 75 and the City Circle (Stop D5) take you to Flinders Street. From there, it's just a short walk-up Clarendon Street until you reach us. For tram timetables | or further trip planning, use **Public Transport Victoria's Journey Planner.**

BY BUS

From Monday to Friday, bus route 237 goes via Southern Cross Station to Lorimer Street, which is roughly a five-minute walk to MCEC. For bus timetables or further trip planning, use **Public Transport Victoria's Journey Planner**.

BY TAXI

If you're heading to the Exhibition Centre, ask your taxi or Uber driver to drop you off at MCEC's Clarendon Street entrance.

If you're going to the Convention Centre, ask your driver to drop you off at Convention Centre Place, next to Pan Pacific Melbourne and DFO South Warf. We have two nearby taxi ranks – Crown, Clarendon Street and DFO, Convention Centre Place.

FROM THE AIRPORT

When you arrive from Melbourne Airport (also known as Tullamarine Airport), you have three options. You can catch a taxi from outside your terminal or request an Uber by following the signs outside your terminal to the pick up zones.
You can also get the Skybus, which has a service called the Southbank Docklands Express that stops at the Clarendon Street entrance of MCEC.

For up-to-date information on services and any ongoing repair work, please visit **ptv.vic.gov.au/ journey**. Plan ahead and allow extra travel time as connecting services may be impacted.



BOOK ACCOMODATION

ozaccom+

Discounted rates for accommodation can be booked online through Ozaccom or if you wish to speak with someone directly, please contact Ozaccom on **1800 814 611 / 07 385401611** or **ozaccom@ozaccom.com.au**

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- Parking
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WELCOME MESSAGE FROM

ROBBY CLARK



Robby Clark
Portfolio Director



All Energy AUSTRALIA

In the business of building businesses

On behalf of RX Global and in partnership with the Clean Energy Council, it is my pleasure to welcome you to the 14th edition of All Energy Australia—the nation's largest and most comprehensive clean energy conference and exhibition.

It gives us great pleasure to present our largest event yet, featuring over 400 market-leading exhibitors and suppliers from around the globe. We are also excited to present our refreshed conference program with more than 400 expert speakers across 9 diverse streams, 3 interactive workshop theatres on the expo floor, and unparalleled networking opportunities.

Our comprehensive education program has expanded this year to include new and timely sessions on key topics such as Energy Transition, Decarbonisation, Electrification, Mental Health & Well-Being, Green Hydrogen, Social License & Community Engagement, Pacific Nations engagement and First Nations Energy.

Additionally, our enhanced EV technology and infrastructure program will offer insights into the latest advancements.

Of course, our highly popular sessions on Solar PV, BESS developments, DER, PPAs, Commercial and Residential Solar, Large-scale Solar, Wind Energy Projects, Grid Integration, Government Initiatives, are returning for another event edition.

All Energy Australia is proudly a free-to-attend event, made possible through the generous support of our valued exhibitors and sponsors. We extend our deepest gratitude to the Victorian Government, Solar Victoria, Energy Efficiency Council, Electric Vehicle Council, EnergyLab, Austrade, and especially our major event partner, the Clean Energy Council, for their unwavering support and invaluable contributions.

Over the next two days, we hope you will take full advantage of this opportunity to reconnect with business partners, forge new connections, and immerse yourself in the dynamic face-to-face interactions with industry peers.

We wish you a productive and inspiring experience at All Energy Australia 2024 and look forward to welcoming you back next year from October 29-30 for All Energy Australia 2025.

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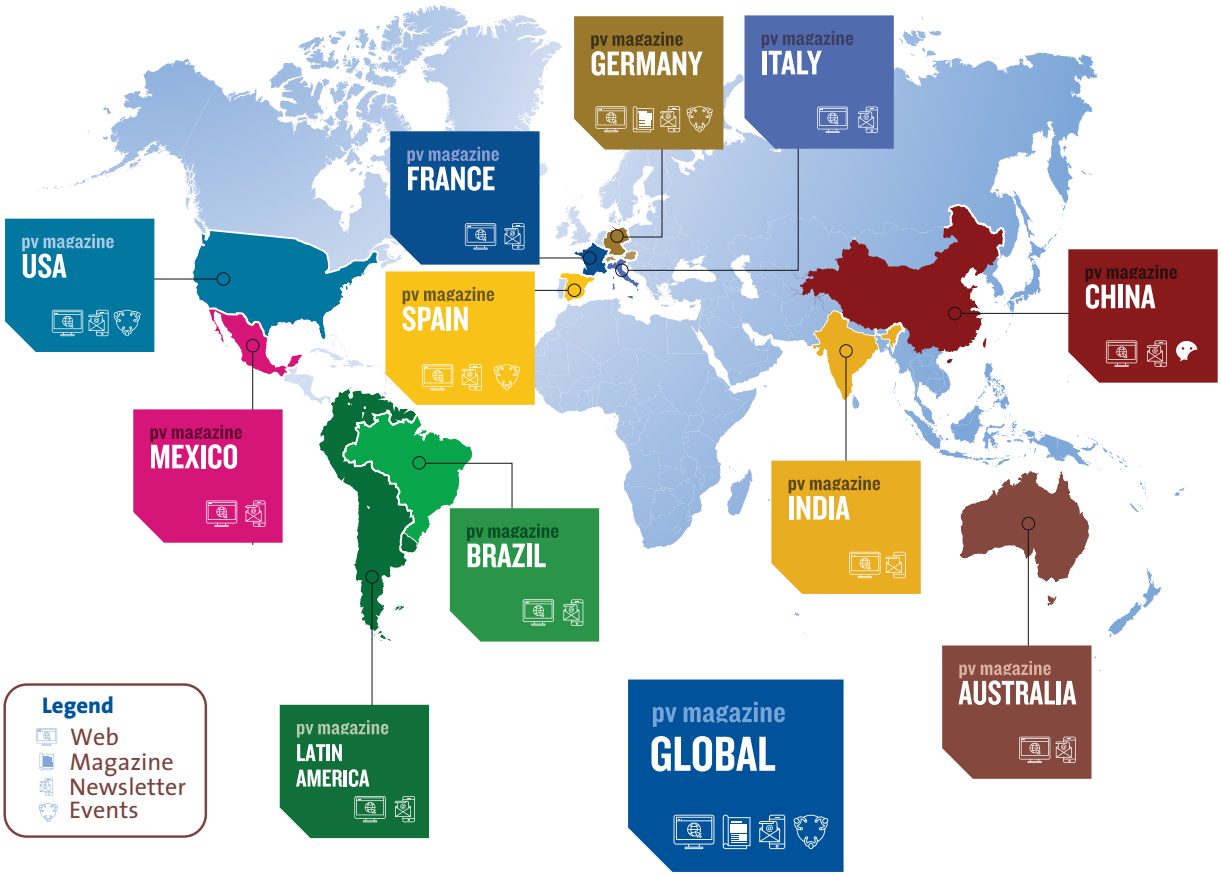
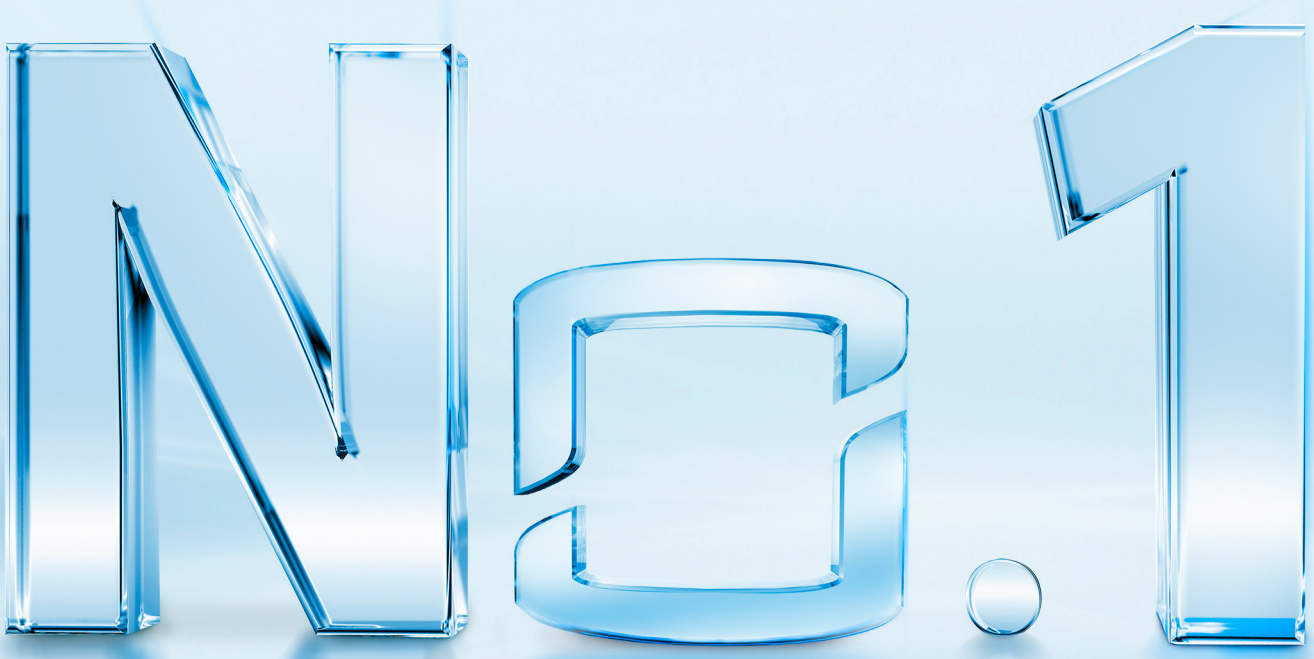


SUNGROW

Clean power for all



27

Years in the Solar Industry

170+

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490

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10.5GWh
Energy Storage System Global Shipment in 2023

WELCOME MESSAGE FROM CLEAN ENERGY COUNCIL

KANE THORNTON



Kane Thorntone
Chief Executive

CLEAN ENERGY COUNCIL

I'd like to extend a warm welcome to all delegates and exhibitors at Australia's largest renewable energy event, All Energy Australia 2024.

We are delighted to once again partner with RX to deliver an event that showcases the innovation and substantial technological advancements driving the success of Australia's clean energy transformation.

This year's event comes at a pivotal time for Australia's energy transition, with 40 per cent of Australia's electricity supply now generated by renewables.

This milestone is thanks in no small part to the people driving change within our sectors supported by positive policy developments and made possible through enhanced collaboration between governments and industry.

Since we last met at All Energy 2023, the Commonwealth and many state and territory governments have made landmark announcements aimed at accelerating the pace of our national clean energy transformation.

These include a historic Federal Budget that delivered key elements of the Future Made in Australia agenda and placed renewables at the heart of structural national economic reforms.

The revitalisation of the Capacity Investment Scheme to drive stronger and sustained investment in large-scale renewables and storage, as well as several encouraging moves towards an expanded role for distributed and consumer energy resources in powering our future.

Australia's world-leading success in rooftop solar continues at pace as the Clean Energy Council has increased its advocacy across this critical segment of our energy transformation.

This year, the Clean Energy Council released the Consumer Energy Resources Roadmap, which shows that meeting ambitious targets for rooftop solar and home batteries can create savings of more than $22bn, lower energy bills for all Australians and 18,200 additional jobs in manufacturing, sales and installation of CER

We were proud to see the Energy and Climate Change Ministerial Council's National Roadmap reflect a number of our recommendations.

Working with the Ministerial Council on integrating more rooftop solar, storage and electrification at scale to empower all Australians will remain a key objective for the CEC over coming years.

Our support of the industry at this year's event includes the Clean Energy Council hosting the Solar Masterclass for rooftop solar installers and designers, as well as hosting the ever-popular Women in Renewables lunch.

I commend both of these events to you and encourage you to register.

A big thank you to all of our members and to all attendees of All Energy Australia 2024 for their continued innovation and drive in getting on with the job of delivering a nation-building transformation of our energy system.

Events such as All Energy Australia and the Australian Clean Energy Summit are unparallelled in their capability to bring together key industry leaders, forge new connections and host the conversations that matter most to the future of our sector.

It is my hope that you enjoy this year's event and make the most of the two days to learn and to support your continued professional development, your own success and that of Australia's transition to a clean energy future.


Plug into issues impacting
the energy sector
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WELCOME MESSAGE FROM VICTORIAN GOVERNMENT

THE HON LILY D'AMBROSIO



The Hon Lily D'Ambrosio
Minister for Climate Action
Minister for Energy and Resources
Minister for the State Electricity Commission

VICTORIA State Government | Environment, Land, Water and Planning

On behalf of the Victorian Government, I welcome you to All Energy Australia 2024.

Since the last expo, Victoria has not wasted a day driving our state's renewable energy transition.

We have legislated our strengthened world-class renewable energy targets to provide certainty to industry, and we're on track, hitting 38 per cent renewable energy generation this year.

The 80 new large-scale renewable energy projects commissioned to date – delivering 5.4 gigawatts (GW) of energy – and Victoria's strong pipeline of projects and initiatives, including new streamlined approvals pathways, are driving us toward 40 per cent renewable generation by 2025, 65 per cent by 2030, 95 per cent by 2035 and net-zero emissions by 2045.

To reach 95 per cent renewables, we'll need to unlock more than 25 gigawatts (GW) of new capacity, including more than 7GW of rooftop solar, 8GW of onshore renewables, 4GW of offshore wind, and 6GW of storage.

Together, our renewable energy and energy storage targets will bring forward about $9.5 billion in economic development and thousands of jobs over the period to 2035.

We're leading the development of offshore wind in Australia, underpinned by our offshore wind energy targets and our commitment to the Global Offshore Wind Alliance as the first sub-national member.

We have made Victoria the home of batteries, including the 600-megawatt Melbourne Renewable Energy Hub – the first investment to be made by our SEC and one of the world's biggest battery projects. Our legislated energy storage targets of at least 2.6GW by 2030 and at least 6.3GW by 2035 will drive further investment.

Through VicGrid, we are leading a new approach to the development of our transmission infrastructure to deliver projects faster while enhancing benefit sharing for local communities, Traditional Owners and landholders.

Victorians are getting on board the transition in droves and we're supporting them through Solar Victoria and the Victorian Energy Upgrades program.

We're strengthening local renewable electricity supply chains, developing the Victorian Energy Jobs Plan and establishing greater energy focused training for our jobs and industries of the future.

What Victoria has achieved so far is a testament to Government and industry collaboration and this year's All-Energy Conference offers another opportunity to connect and explore new ideas as we chart our path to a cleaner, cheaper and more reliable renewable energy future.

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ENGINEERING A NET ZERO FUTURE, TOGETHER.



14-15 MAY 2025 | SEC GLASGOW

Take part at All-Energy to meet, network and make connections with the renewable energy community with two days of uninterrupted business.

- **MEET** high-profile attendees with decision-making power
- **CONNECT** with your target audience and generate leads
- **SHOWCASE** your technology and latest products
- **MAXIMISE EXPOSURE** and be seen as a leading supplier in the industry



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The 5B Maverick is the solution for relocatable next generation solar. On-site mechanical installation (including piling, and considering module mounting and string cabling) requires 70% less labour hours when compared to single axis tracker solar solutions. This unlocks installation savings and an unprecedented ability to scale up solar developments - with particular benefits for remote, off-grid and grid connected relocatable solutions*.

- It is relocatable - avoid high decommissioning costs.
- Less exposure to weather delays.
- Less AC & DC cabling.
- Less land required.
- Less on-site construction.
- Less on-site labour - Reduced
- Messing and accommodation requirements.



Unlock the potential of your site's renewable energy efficiency with the 5B Maverick.

Talk to us today.

5b.co

*based on 5B comparative studies conducted across sites in Australia and Chile. Includes piling, module mounting and string cabling.

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WHAT'S ON
WORKSHOPS & BREAKFAST SESSIONS

VICTORIAN GOVERNMENT SEMINAR SERIES

The Victorian Government will be hosting a series of panel discussions and workshops during day one in the Industry Workshop Theatre. Hear from Solar Victoria and Department of Energy, Environment and Climate Action (DEECA) on a range of topics, from growing our clean energy workforce, consumer attitudes to home electrification, industry opportunities for investment and more.

When: Wednesday 23rd October, 10:00am – 4:00pm
Where: Industry Workshop Theatre, Exhibition Show Floor

Hosted by Solar Victoria, VICTORIA State Government

ENERGYLAB STARTUP SHOWCASE

Mingle with the startups changing the future of the energy industry at the EnergyLab Startup Showcase. Featured in the Convention Centre, visit these key start-ups who are changing the renewable space.

You will be able to start your morning with a hit of innovation and inspiration. Grab a coffee as you watch startups demonstrate their technologies live on the EnergyLab stage.

When: Wednesday 23rd – Thursday 24th October
Where: Room 211, Level 2, Convention Centre

Hosted by (Energy)Lab

INDIGENOUS RENEWABLES YARNING CIRCLES GOOD ENERGY MINDS

Bringing to the forefront First Nations peoples' knowledge to benefit all future generations.

Agenda:

- Welcome and Introduction
- Presentations to support Empowering First Nations into the Clean Energy Journey
- Participate in yarning circles on Indigenous transformational and innovative approaches in renewables

When: Thursday 24 October
Where: Industry Workshop Theatre, Exhibition Show Floor

Hosted by Good Energy Minds

DNV BREAKFAST SESSION

Join us for an insightful breakfast seminar hosted by DNV at All Energy 2024. Engage in thought-provoking discussions with industry peers, gain valuable insights into the latest advancements and contribute to shaping the future of renewable energy in Australia.

Agenda:

- Welcome and Introduction
- Offshore Wind
- Energy Storage
- Hydrogen

When: Wednesday 23rd October, 7:00am – 8:30am
Where: Room 220, Level 2, Convention Centre

Hosted by DNV

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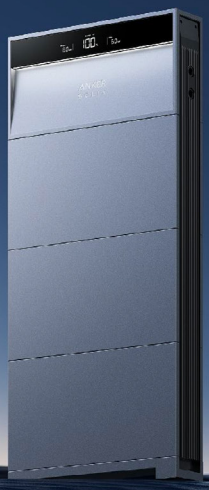
Anker SOLIX offers a comprehensive, smart, and eco-friendly power solution for your home. This robust, durable system is designed to be user-friendly and to address a wide range of power needs.



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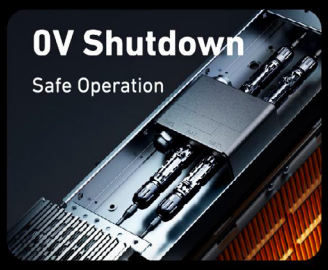

24/7 Power During Outages

Always-On Power



*All images and specifications mentioned in this document are subject to change. For the most accurate product information check the official Anker SOLIX release.

WHAT'S ON
WORKSHOPS & BREAKFAST SESSIONS

ORIGIN ZERO BREAKFAST SESSION

Kick start day 2 of the All Energy Conference with Origin Zero

Join us on the morning of Day 2 of All Energy Conference to demystify decarbonisation and learn about new developments in energy, and how that helps you unlock value in the transition.

We'll be discussing

- Technology to reduce your demand
- Future of storage - short and long duration storage developments, and storage as a service
- Orchestration of assets via VPPs and value generation through demand response
- EVs and the connected business

This breakfast will allow you to hear from and ask questions of the experts working on solving the big problems in energy.

When: Thursday 24th October, 7:30am –9:00am
Where: Room 220, Level 2, Convention Centre

Hosted by origin zero

SMARTESTENERGY AUSTRALIA BREAKFAST SESSION

Can Australia Solve the Renewable Energy Puzzle? Experts Weigh In

SmartestEnergy invites you to a sponsored breakfast and panel discussion at the All-Energy Expo in Melbourne, Day 2: Thursday, 24 October 2024.

Join industry experts as they tackle the biggest challenges in renewable energy. From financing and development to corporate PPAs, you'll hear insights from top professionals in banking, development, and energy contracting on how to overcome obstacles and accelerate Australia's clean energy transition. The event will close with a lively Q&A session, giving you the opportunity to engage with the experts directly.

Enjoy fresh coffee, breakfast, and insightful conversation. Limited spots available—register now. And secure your place at this free breakfast event. We look forward to seeing you there!

Bonus: For every registration, we'll plant five trees, contributing to global reforestation efforts..

When: Thursday 24th October, 7:30am –9:00am
Where: Room 213, Level 2, Convention Centre

Hosted by smartestenergy

BUREAU VERTIAS BREAKFAST SESSION

Join us for an insightful breakfast session where you'll have the opportunity to deepen your understanding of key industry topics and network with thought leaders.

Our session will offer attendees a practical "lessons learnt" perspective, focusing on our experience in supporting customers in delivering energy transition projects successfully.

Key Topics:

- Effective Supply Chain Risk Management for Solar, Hydro, Hydrogen, Wind, and BESS Projects
- Derisking renewable investments- Lenders Engineering Perspective
- Spotlight on delivering BESS – In collaboration with Pacific Blue, we will talk through the lessons learnt for the delivery of the Dromana Battery Project

When: Thursday 24th October, 7:00am – 9:00am
Where: Industry Workshop Theatre, Exhibition Show Floor

Hosted by

BUREAU VERITAS

WÄRTSILÄ ENERGY STORAGE, INC BREAKFAST SESSION

Overcoming Challenges in BESS Deployment: Lessons Learned from Contracting to Commissioning

Wärtsilä Energy Storage and Optimisation (ES&O) welcomes you to convene with experts from across the energy storage sector for a panel, lively networking,
and breakfast to fuel-up for a productive day at All Energy Australia!

By attending the breakfast session, you will learn:

- How we have addressed growing concerns about noise mitigation
- Common contracting challenges and structures to appropriately allocate risk and improve project viability
- How GEMS Digital Energy Platform can increase the value of your investment through new smart controls and optimisation

When: Thursday 24th October, 7:30am – 9:00am
Where: Room 219, Level 2, Convention Centre

Hosted by

WÄRTSILÄ


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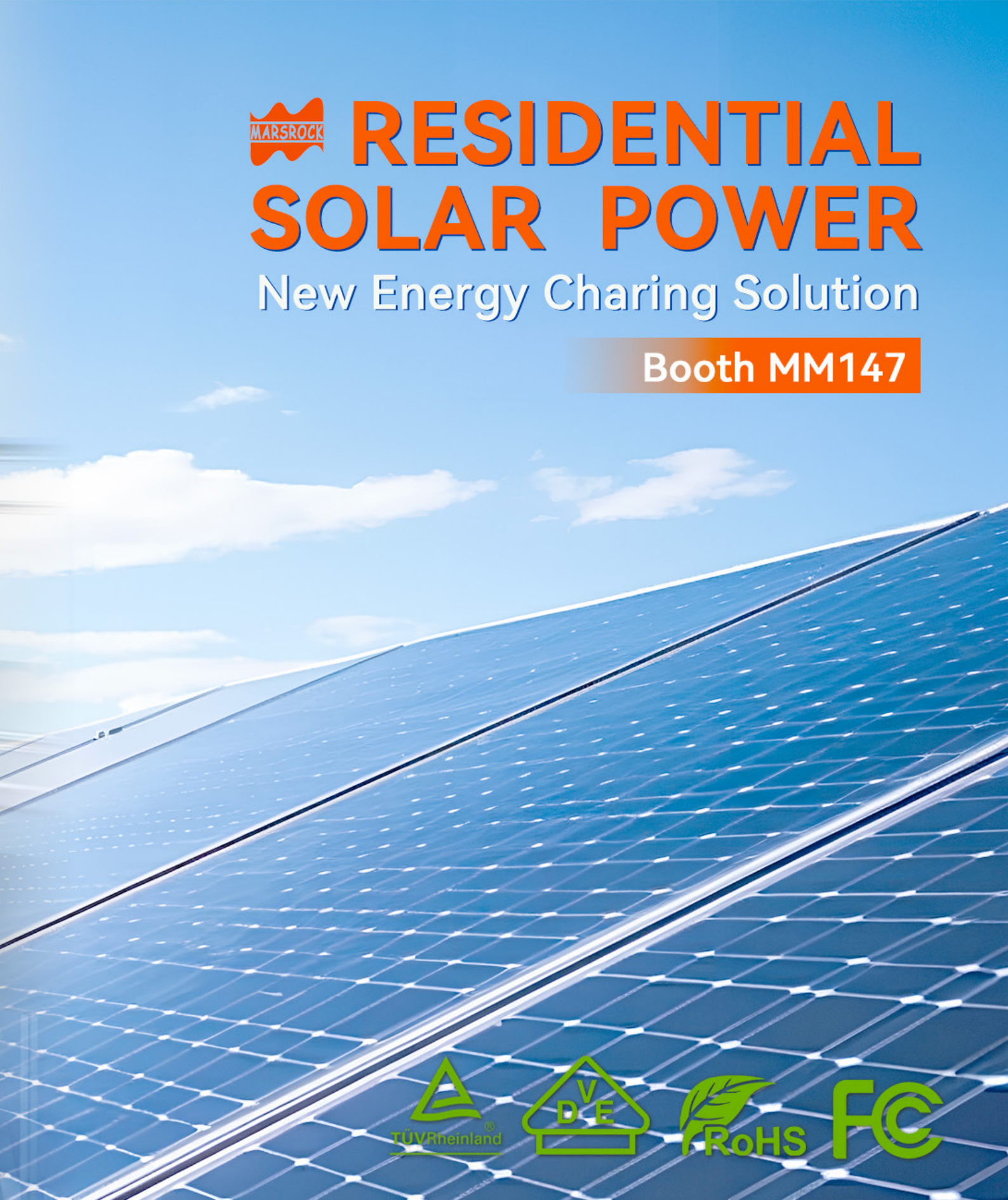
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DISTINGUISHED SPEAKERS including...



Ross Garnaut
Economist,
The Superpower Institute



The Hon. Lily D'Ambrosio MP
Minister for Climate Action, Minister for Energy and Resources, Minister for State Electricity Commission



Darren Miller
CEO, ARENA



Elizabeth Molyneux
Deputy Secretary, Energy Group, Department of Energy, Environment and Climate Action



Alistair Parker
CEO VicGrid, Department of Energy, Environment and Climate Action



Leanne Hughson
CEO, Energy Safe Victoria



Brad Archer
CEO, Climate Change Authority



Megan Fisher
CEO and Director, EnergyLab



Andrew Bray
National Director, RE-Alliance



Amandine Denis-Ryan
CEO, IEEFA Australia (Institute for Energy Economics and Financial Analysis)



Bill Lilley
CEO, RACE for 2030 Cooperative Research Centre



Dr Amanda Cahill
CEO, Next Economy



Brett Redman
CEO, Transgrid



Wei Sue
Head of Strategy, Climateworks Centre



Huon Hoogesteger
CEO, Smart Commercial Solar



The Hon. Matt Kean
Chair, Climate Change Authority, Former State Member for Hornsby, Former NSW Treasurer & Energy Minister



Stan Krpan
CEO, Solar Victoria



Samantha Johnson
Acting CEO, Electric Vehicle Council



Steve Hoy
CEO, Enosi Australia



Anthea Middleton
CEO, Powering Skills Organisation



Geoffrey Drucker
Managing Director, Countrywide Hydrogen Pty Ltd



Heidi Douglas
CEO, Solar Citizens



Jens Orfelt
EVP and President - Asia Pacific (Offshore Development), RWE Renewables (Tokyo, Japan)



Heidi Lee
CEO, Beyond Zero Emissions



John Cleland
CEO, Essential Energy



Lyn Bowring
Executive Director Consumer, Communities and First Peoples Energy Transition, Department of Energy, Environment and Climate Action



Michael Frangos
CEO, Indigenous Energy Australia



Kate Raymond
CEO, Master Electricians Australia



Stephen Forshaw
Chief Representative, Australia, New Zealand and the Pacific, Airbus



Zoe Parkin
Associate Director, Clean Energy Finance Corporation


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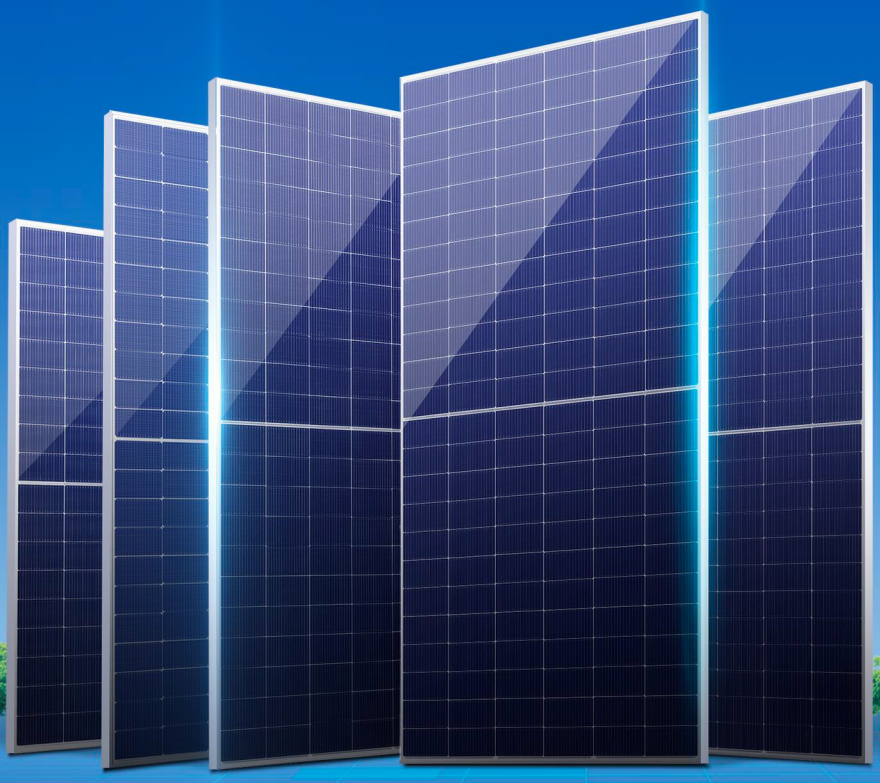

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DAY 1
CONFERENCE AGENDA

VIEW LATEST
CONFERENCE AGENDA
Session titles and speakers may change without prior notice as the program develops.

WEDNESDAY 23RD OCTOBER 2024

CONVENTION CENTRE 8:30am – 10:35am

PLENARY DOOR 10

THEME: THE PATH TO ACHIEVING RENEWABLE ENERGY TARGETS BY 2050: HAVE WE ARRIVED?

Pacific Green

Chair: Kane Thornton, *CEO, Clean Energy Council*

8:30 – Welcome: Robby Clark, *Portfolio Director, All Energy Australia*

8:35 – Welcome to country

8:40 – Opening remarks by Chair: Kane Thornton, *CEO, Clean Energy Council*

8:45 – Sponsor address: Scott Poulter, *CEO, Pacific Green*

8:50 – Keynote Topic: Let's Tax Carbon, Ross Garnaut, *Economist, The Superpower Institute*

9:05 – Panel discussion:
The global clean energy transition: Australia's role, opportunities and risks in the global decarbonisation race

Moderator: Kane Thornton, *CEO, Clean Energy Council*

Panellists:

- **The Hon. Matt Kean,** *Chair, Climate Change Authority, Former State Member for Hornsby, Former NSW Treasurer & Energy Minister*
- **Amandine Denis-Ryan,** *CEO, Institute for Energy Economic and Financial Analysis*
- **Ross Garnaut,** *Economist, The Superpower Institute*
- **Alison Reeve,** *Deputy Program Director, Energy + Climate Change, Grattan Institute*
- **Joel Alexander,** *Managing Director & CEO, Pacific Green Australia*

9:45 – Victorian government fireside chat

Moderators: Kane Thornton, *CEO, Clean Energy Council and* **Luke Menzel,** *CEO, Energy Efficiency Council*

Guest Speaker: The Hon. Lily D'Ambrosio MP, *Minister for Climate Action, Minister for Energy and Resources, Minister for State Electricity Commission*

10:00 – Panel discussion: Accelerating effort in Australia for 2035

Moderator: Luke Menzel, *CEO, Energy Efficiency Council*

Panellists:

- **Heidi Lee,** *CEO, Beyond Zero Emissions*
- **Brad Archer,** *CEO, Climate Change Authority*
- **Darren Miller,** *CEO, ARENA*
- **Anthea Middleton,** *CEO, Powering Skills Organisation*

10:35 – Closing remarks by Chair: Kane Thornton, *CEO, Clean Energy Council*

ROOM 211

ENERGYLAB STARTUP SHOWCASE

9:30am - 10:30am

Startup demos & espressos!

Start your morning with a hit of innovation and inspiration. Grab a coffee as you watch startups demonstrate their technologies live on the EnergyLab stage.

WOMEN IN RENEWABLES LUNCHEON

Function-only Registration | 12:00pm - 2:00pm
Melbourne Room, Level 2, Convention Centre

Hosted by: CLEAN ENERGY COUNCIL

Break

*Information correct at time of publishing.

DAY 1 | WEDNESDAY 23RD OCTOBER 2024 | CONFERENCE AGENDA

11:20am

PLENARY DOOR 10	ROOM 220	ROOM 219	ROOM 218	ROOM 217	ROOM
ENERGY TRANSITION	**NET ZERO**	**ELECTRIFICATION**	**LONG DURATION ENERGY STORAGE TECHNOLOGY**	**EV TECHNOLOGY & INFRASTRUCTURE**	**BATTERY STORAGE**
Accelerating the energy transition	The global race for net zero	Scaling electrification	Developments in long duration energy storage technologies	EVs: Home charging and the grid	Insights into energy stor
Navigating the complexities of Australia's energy transition	**Keynote address**	Driving change: The role of innovation in electrification	Long-duration energy storage enables rapid decarbonisation and improved renewable energy utilisation	Apartments and workplaces – the application of busduct solutions in this space	Advances in energy stor
Energy transition in Western Australia	**Panel discussion:** Meeting the challenge: Decarbonising industry	Existing building electrification – more complex than meets the eye	Building for the future with long duration energy storage	A finger on the pulse of EV charging	Navigating market: Pro trends in lar BESS proje
The Victorian government's role in the energy transition	Hosted by: CLEAN ENERGY COUNCIL	How households can lead our energy transition	Long duration energy storage for a dispatchable green power plant	Electric homes at the centre of our electricity system	Group Platinu SUNG Clean powe
Followed by interactive panel discussio		How to accelerate electrification at scale	Ensuring system security in the era of renewable energy	Smart EV chargers, hot water diverters and load shifting devices - are they right for everyone?	Battery stor post-coal N
Hosted by: CLEAN ENERGY COUNCIL		Followed by interactive panel discussion	Followed by interactive panel discussion	Is the Victorian grid ready for electric vehicles?	An update o role suppor utility-scale
		Hosted by: CLEAN ENERGY COUNCIL	Hosted by: CLEAN ENERGY COUNCIL	Supported by: ELECTRIC VEHICLE COUNCIL	BESS mark operations different to solar: What to know
					Enabling sir flexibility in projects
					How to over challenges and sourcin
					Unlocking B revenue pot the NEM: Cl and real-wo
					How do we the future m trend of sol hybrid and s BESS devel projects?
					Sponsored by ATES

VIEW LATEST CONFERENCE AGENDA

Session titles and speakers may change without prior notice as the program develops.

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*Information correct at time of publishing.

– 12:40pm

M 213	ROOM 212	ROOM 211	ROOM 210	ROOM 204	ROOM 203
ENERGY SYSTEMS	DIGITAL INNOVATIONS	ENERGYLAB STARTUP SHOWCASE	EV TECHNOLOGY & INFRASTRUCTURE	GRID INTEGRATION	MENTAL HEALTH AND WELL-BEING
o battery age systems n battery age systems the current curement rge-scale cts um Sponsor: ROW r for all rage in a EM/SWIS on ARENA's ting e storage et are wind and you need mplicity and BESS rcome in selecting g batteries BESS tential in hallenges rld insights prepare for market ar-BESS standalone opment y: SS	**Enabling consumer participation through digital innovations** **Approaching cyber security threats to DER** **Followed by interactive panel discussion** Hosted by: CLEAN ENERGY COUNCIL	**Supercharge Australia – retrofit nation** A deep dive into the SuperCharge Australia - An initiative run by EnergyLab and new Energy Nexus supporting the world's biggest lithium producer, Australia, to become a hub for battery technology innovation - through a keynote and a panel.	**EVs and consumers** **The mainstreaming of EVs: The next chapter of EV policy and adoption** **Household EV charging: Social challenges and opportunities** Supported by: ELECTRIC VEHICLE COUNCIL	**Grid connection and system strength** **Harnessing the benefits of South Australia's economy at 100% net renewables** **Delivering innovation to grid connection - open access and REZs** **Followed by interactive panel discussion** Hosted by: CLEAN ENERGY COUNCIL	**Riding the mental health solar coaster: Leadership and well-being in a high intensity industry** **Interactive panel discussion** Hosted by: CLEAN ENERGY COUNCIL

eak

DAY 1 | WEDNESDAY 23RD OCTOBER 2024 | CONFERENCE AGENDA

1:40pm

PLENARY DOOR 10	ROOM 220	ROOM 219	ROOM 218	ROOM 217	ROOM 213
GREEN HYDROGEN	**SOCIAL LICENSE & COMMUNITY ENGAGEMENT**	**EV TECHNOLOGY & INFRASTRUCTURE**	**EV TECHNOLOGY & INFRASTRUCTURE**	**DECARBONISATION**	**COMMUNITY BATTERIES**
Building a competitive hydrogen sector Followed by interactive panel discussion Hosted by: CLEAN ENERGY COUNCIL	Engaging with host communities on renewable projects REZ development and social licence in Victoria Navigating social license: Planning pathways for transmission infrastructure The social licence journey: Developing one of Australia's largest wind farms Followed by interactive panel discussion Hosted by: CLEAN ENERGY COUNCIL	EVs: International perspectives Learnings from the European retail market: How to optimise the retail charging experience for Australian EV drivers Solving the grid problem for EV fast chargers What's coming next in charging infrastructure - MegaWatt Charging (MCS) for trucks, buses, mining, ferries and aviation Followed by interactive panel discussion Supported by: ELECTRIC VEHICLE COUNCIL	How businesses and governments can benefit themselves and drivers through EVs How you can streamline public, fleet, and workplace charging Influencing EV charging behaviour The pioneering spirit Driving to the future Supporting mixed fleets Followed by interactive panel discussion Sponsored by: CHARGEFOX	Beyond energy: The role of sector decarbonisation plans Resources sector decarbonisation plan Water sector decarbonisation plan Energy sector decarbonisation plan Followed by interactive panel discussion	Unlocking the potential of community batteries How trial network tariffs impact the potential benefits of neighbourhood batteries Alphington community subscriber battery: Empowering local energy shouldn't be this hard! The role of community scale batteries in the energy transition: Case studies from the NEM Followed by interactive discussion: The community benefits of neighbourhood batteries

VIEW LATEST CONFERENCE AGENDA

Session titles and speakers may change without prior notice as the program develops.

*Information correct at time of publishing.

– 3:00pm

ROOM 212

DIVERSITY AND INCLUSION

Improving diversity and inclusion in the energy workforce

Solar Victoria – upskilling industry for a renewable nation

Inclusive transition and skills development in Gippsland

Meeting the candidate shortfall challenge

Fostering our future renewable women and gender diverse leaders

Followed by interactive panel discussion

Hosted by:

CLEAN ENERGY COUNCIL

ROOM 211

ENERGYLAB STARTUP SHOWCASE

Startups innovating in consumer energy resources & electrifying transport

1:40pm - 2:20pm

Startup innovating in consumer energy resources

A panel discussion on startups & innovations focusing on consumer energy resources featuring startups, industry members and mentors.

2:20pm - 3:00pm

New technology that's electrifying transport

A panel discussion on startups & innovation in the electrification of transport space.

ROOM 210

EV TECHNOLOGY & INFRASTRUCTURE

Kerbside EV charging

Street-side EV charging - utilising existing network infrastructure to charge EVs

Public AC charging functional ubiquity

Local government's role in scaling up EV charging infrastructure

Powering the future: Accelerating electric vehicle charging networks in Australia

Council and CPO - best practices for how to best work with one another

Supported by:

ELECTRIC VEHICLE COUNCIL

ROOM 204

GRID INTEGRATION & CONNECTIVITY

Outlook for grid integration and technology

Grid forming capability for battery inverters and its implementation in the NEM

Unlock the full potential of BESS with AI-enabled forecasting and optimisation

Tariff reform to drive further investment in energy storage on distribution networks

Autonomous drone EI Mapping: A no-brainer choice

Data and AI driven next gen BESS maximises value for next-gen customers

Platinum sponsor:

HYPER STRONG

Create the dust, don't swallow it: Revolutionising the energy sector with AI-embedded enterprise software

ROOM 203

DECARBONISATION

Decarbonisation strategies for commercial buildings & businesses

Decarbonisation: Turning obligation into opportunity

Exploring the end-to-end grid value stack that will accelerate the electrification

The transition to net zero: Challenges and opportunities for commercial & industrial (C&I) energy storage

Navigating the transition to net zero carbon emissions - no silver bullet solutions

Energy system innovation

How to successfully transition zero emission bus fleets to meet public transport service requirements

Turning carbon reduction from a cost to a profit centre with an efficient net zero glidepath

Net zero emissions certifications

Intermittency, carbon capture, and the digital transformation of the decade

reak

DAY 1 | WEDNESDAY 23RD OCTOBER 2024 | CONFERENCE AGENDA

3:30pm

PLENARY DOOR 10	ROOM 220	ROOM 219	ROOM 218	ROOM 217	RO
CLEAN ENERGY	**COMMUNITY ACCESS**	**BIO-FUELS & BIOENERGY**	**E-FUELS**	**POWER PURCHASE AGREEMENT (PPA)**	**PACIFI ENGA**
The economics of diversity	Equitable community access	Decarbonising liquid fuel reliant industries	Decarbonising the transport sector with e-fuels	State of the corporate renewable PPA market report 2024 & emerging trends	Strengthe engagem Pacific na
Small changes have massive impacts	Energy system – future design & transition	Policy developments in a global context	Interactive panel discussion	Followed by interactive panel discussion	Renewab planning Pacific na OpenCEM
Followed by interactive panel discussion	Giving our community a stake in the transition to renewable energy – why public ownership matters	From fryer to fuel: Converting used cooking oil (UCO) into renewable diesel powering waste management services			Modelling waste an solutions Small Isla Developi
Hosted by: CLEAN ENERGY COUNCIL	Building community resilience through the energy transition	The transition to renewable diesel: The goose that laid the golden egg			Better pr principles renewabl
	Bringing renewables to remote and regional communities	The pathway to decarbonise transport and logistics			Renewab diplomac
	Why communication defines the future of Australian energy	Emerging industry policy and Australia's liquid fuel market			Followed interactiv discussio
	Equity in the energy transition	Supported by: BIOENERGY AUSTRALIA			
	The engagement puzzle: What works where and when? Regional leaders discuss their place-based approach				
	Engaging the consumer in the energy transition				
	Empowering communities: Innovative strategies for private-local government partnerships in household energy efficiency				
	Putting the 'C' back into CER policy				
	Putting customers at the centre: How Australia is leading the future of energy				
	Energy accessibility and affordability: Solar installations for Australia's vulnerable communities				

GRAND NETWORKING EVENT

5:00pm – 6:30pm | Melbourne Room, Level 2, Convention Centre

*Information correct at time of publishing.

– 4:50pm

OM 213
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ROOM 212
SUSTAINABLE BUILT ENVIRONMENT

Electrification of buildings and precincts

Electrifying precincts – gas free and changing times

Benefits of all electric buildings in South Australia

Electrifying apartment buildings

Supported by:

Green Building Council Australia

ROOM 211
ENERGYLAB STARTUP SHOWCASE

Breakthrough collaborations: Industry innovation with startups + pitch event

3:30pm - 4:15pm

Breakthrough collaborations: Industry innovation with startups

A panel consisting of industry experts and startups discussing innovation needs as part of the energy transition, what they are looking for startups to help solve, and how they are going about it.

The panel will be followed by a pitch session with startups who are ready to partner with industry.

4:15pm – 4:45pm

Pitch event: Industry ready startups

Hear from startups with innovative solutions who are ready to partner with industry.

4:45pm - 5:45pm

Innovation ready networking drinks

Recharge your evening with a refreshing drink and join us at EnergyLab, where innovation takes center stage!

ROOM 210
EV TECHNOLOGY & INFRASTRUCTURE

EVs: Residential & commercial

Standalone commercial grid independent solar EV charging solutions

Smart home charging

Organisational preparedness for EV transition

Unlocking the potential: Leveraging existing electrical infrastructure for EV charging in commercial and multi-residential environments

Leading the charge: simplifying your EV transition

Powerlead: A plan to 'plug in' 5GW of CER flexibility into the NEM by 2028

Supported by:

ELECTRIC VEHICLE COUNCIL

ROOM 204
SOLAR SUPPLY CHAIN

Australia's solar supply chain opportunity

Interactive panel discussion

Supported by:

AUSTRALIAN PV INSTITUTE

ROOM 203
ENERGY STORAGE

Developments in energy storage

Why abundant nanomaterials and not rare earth resources are the future of energy storage

Ice storage – a cool alternative to batteries?

Key global and local trends in ess technology, system design, & application

The role of policy in de-risking energy

Followed by interactive panel discussion

Hosted by:

CLEAN ENERGY COUNCIL

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Session titles and speakers may change without prior notice as the program develops.

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DAY 2
CONFERENCE AGENDA



THURSDAY 24TH OCTOBER 2024

CONVENTION CENTRE 8:30am – 10:25am

PLENARY DOOR 10

THEME: BUILDING THE CLEAN ENERGY ECOSYSTEM

PROCORE

Chair: Con Hristodoulidis, *Acting Chief Policy and Impact Officer, Clean Energy Council*

8:30 – Opening remarks by Chair: Con Hristodoulidis, *Acting Chief Policy and Impact Officer, Clean Energy Council*

8:35 – Opening address

8:40 – Sponsor address: Kris Lengieza, *VP Global Technology Evangelist, Procore*

8:55 – Panel discussion: The intersection of transport and energy

Moderator: Ross De Rango, *Head of Energy and Infrastructure, Electric Vehicle Council*

Panellists:

- **Josef Tadich,** *Regional Director, Tesla Energy, APAC, Tesla*
- **Leanne Hughson,** *CEO, Energy Safe Victoria*
- **Chau Le,** *General Manager, Strategy & E-Mobility, Origin Energy*

9:40 – Panel discussion: Social licence

Moderator: Dr Nick Aberle, *Director of Energy Generation & Storage, Clean Energy Council*

Panellists:

- **Samantha Johnson,** *Acting CEO, Electric Vehicle Council*
- **Andrew Bray,** *National Director, RE-Alliance*
- **Martine Holberton,** *Director, Renewables, The Energy Charter*

10:25 – Closing remarks by Chair: Con Hristodoulidis, *Acting Chief Policy and Impact Officer, Clean Energy Council*

ROOM 211

ENERGYLAB STARTUP SHOWCASE

9:30am - 10:30am

Startup demos & espressos!

Start your morning with a hit of innovation and inspiration. Grabsa a coffee as you watch startups demonstrate their technologies live on the EnergyLab stage.

VIEW LATEST CONFERENCE AGENDA

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Break

*Information correct at time of publishing.

DAY 2 | THURSDAY 24TH OCTOBER 2024 | CONFERENCE AGENDA

11:00am

PLENARY DOOR 10

OFF-SHORE WIND

Developing an offshore wind industry in Australia

Will winds of change blow through the offshore energy industry in Australia?

A renewable future made in Australia

Offshore wind power in the regulatory framework supporting offshore wind, government funding opportunities and project development insights

Pioneering offshore wind energy in Australia

Introduction to the Australian Centre for Offshore Wind Energy

Followed by interactive panel discussion

Hosted by:

CLEAN ENERGY COUNCIL

ROOM 220

CLEAN ENERGY FINANCE

Investment outlook for clean energy

Unlocking private markets capital to accelerate the commercialisation and uptake of clean energy technologies

Challenges and opportunities facing Australia's renewable energy industry

Enabling infrastructure investment

Cap in hand: Finding capital for SMEs driving the energy transition

Derisking and financing new technologies: The path to a profitable net zero world

Victoria's energy market investment opportunities

Panel discussion

ROOM 219

VIRTUAL POWER PLANTS

Harnessing the potential of virtual power plants (VPPS)

How VPPs can unlock home electrification for customers

Momentum Energy's virtual power plant - real-world learnings and examples

Aggregator DERMS: Creating end-to-end solutions for VPPs

Followed by interactive panel discussion

Hosted by:

CLEAN ENERGY COUNCIL

ROOM 218

COMMERCIAL DRIVERS FOR LONG DURATION ENERGY STORAGE

Bringing long duration energy storage to market

Solving the problem of storage in a rapidly transitioning energy market

Followed by interactive panel discussion

Hosted by:

CLEAN ENERGY COUNCIL

ROOM 217

POWERING THE FUTURE WITH HYDROGEN

Integrating green hydrogen into the clean energy mix

Developing Australia's hydrogen ecosystem to make hydrogen fleets a reality

Hydrogen's role in power generation: Enabling decarbonisation of power firming

Integrating green and renewable hydrogen projects into conventional energy frameworks: Opportunities, challenges, and the role of OEMs

Powering the future: Green hydrogen & hydrogen derivatives

Followed by interactive panel discussion

Supported by:

AUSTRALIAN HYDROGEN COUNCIL

ROOM

DISTRIBUTE RESOU

The dynamic consumer e resources

Energy trans Leveraging distribution

Enabling net manage the adoption of DER and EV

Behind the consumer devices - im changing ho electricity u consumer sa grid design

Followed by panel discus

Hosted by:

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VIEW LATEST CONFERENCE AGENDA

Session titles and speakers may change without prior notice as the program develops.

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*Information correct at time of publishing.

– 12:20pm

M 213	ROOM 212	ROOM 211	ROOM 210	ROOM 204	ROOM 203
ED ENERGY URCES	HEAVY TRANSPORT	ENERGYLAB STARTUP SHOWCASE	EV TECHNOLOGY & INFRASTRUCTURE	SUSTAINABILITY	DECARBONISATION
c future of nergy sition: the network tworks to rapid customer meter pact on ousehold se, avings and interactive ssion LEAN NERGY OUNCIL	Decarbonising heavy transport Jet Zero Australia and LanzaJet SAF plant The sustainable aviation fuel opportunity for Australia's energy industry Energy transition at ports Followed by interactive panel discussion Hosted by: CLEAN ENERGY COUNCIL	Made in Australia: The startup dilemma & innovations in community engagement & biodiversity for energy projects **11:00am –11:40am** Made in Australia: The startup dilemma **11:40am - 12:20pm** Innovations in community engagement & biodiversity for energy projects	EVs: High power public charging Empowering women+ in our zero emission future Fastest growing EV charging network in South Australia Kempower DC charging: Building robust charging infrastructure for the Australian EV revolution "Zero Amp" EV charging without battery storage All you need to know about an electric fleet infrastructure Public EV charging: The next big boom Supported by: ELECTRIC VEHICLE COUNCIL	LIVE VIDEO STREAMING: Renewable electrons =/= sustainable electrons Panel Discussion: Unlocking the untapped potential for social, cultural, environmental and economic benefits of renewable energy assets This live video feed features an interaction between subject matter experts.	Decarbonising heavy transport Followed by interactive panel discussion

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DAY 2 | THURSDAY 24TH OCTOBER 2024 | CONFERENCE AGENDA

1:00pm

PLENARY DOOR 10	ROOM 220	ROOM 219	ROOM 218	ROOM 217	ROOM
MANUFACTURING	SOCIAL SCIENCE	ENERGY TRANSITION	WOMEN'S EMPOWERMENT	SOLAR TECHNOLOGY	DEM MANAG
Building Australia's manufacturing prowess Silicon to solar: Motivation and opportunity of solar manufacturing in Australia Solar export flexibility and customer opportunities for market active solar Beyond zero emissions: Risks and rewards for an Australian battery manufacturing industry Contracting strategy and offtake structuring innovations Supporting Victoria's clean energy future Followed by interactive panel discussion	Expanding energy professional's toolkit: Bringing social science expertise into sustainable energy transitions Followed by interactive panel discussion	Advancing the energy transition Energy transition systems Striking the balance: Dual-Fuel systems as catalysts for early renewable adoption Norfolk Island: Energy transition case study How integrating renewables with nature positive strategies drives sustainability and profitability Australia's energy transition: Building sovereign capability for a secure future Australia's shift to a renewable energy future How matched energy supply agreements will underpin the move to real zero carbon Geothermal as a thermal demand tool in the energy transition Energy transition in the food and beverage manufacturing sector – a case study Sponsored by: Niche	Powering progress: Empowering women in renewables through networking and insights Followed by interactive panel discussion	Latest developments from IEA's solar technology collaboration programme (TCP) activities Followed by interactive panel discussion Supported by: AUSTRALIAN PV INSTITUTE	Demand ma opportunitie industrial us Multi asset optimisation demand ma All stick, no Incentivising managemer commercial industrial (C Getting valu demand res frequency c ancillary ser (FCAS) From trials t how are we evidence? It's all about Using dema flexibility to renewables Followed by panel discus

VIEW LATEST CONFERENCE AGENDA

Session titles and speakers may change without prior notice as the program develops.

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*Information correct at time of publishing.

– 2:20pm

M 213	ROOM 212	ROOM 211	ROOM 210	ROOM 204	ROOM 203
AND EMENT	SOLAR POWER	ENERGYLAB STARTUP SHOWCASE	EV TECHNOLOGY & INFRASTRUCTURE	NATIONAL ENERGY MARKET	WORKFORCE PLANNING
nagement es for sers n for C&I nagement carrot: g demand t in the and &I) market e from ponse and ontrol rvices o reform - acting on timing: nd firm up interactive ssion	Developments in gigwatt solar power **Panel discussion:** Full throttle: Exploring critical checks & balances for Australia's rapid, multi-gigawatt buildout of utility solar Platinum Sponsor: nextracker	Startups shaping the future of the built environment & decarbonising the economy **1:00pm - 1:40pm** Startups shaping the future of the built environment **1:40pm - 2:20pm** Startups helping to decarbonise industry	The next frontier: Vehicles-to-grid Vehicle-to-grid - standards, frameworks, industry participation and future Australia's opportunities in electric vehicle research Electric vehicles will likely drive down electricity prices: The reason why Electric vehicles as a grid asset: From trials to mainstream integration How 16 electric vehicles provided power to stem February's blackout in Victoria Supported by: ELECTRIC VEHICLE COUNCIL	Operating in the national energy market (NEM) Energy markets in Australia Big battery revenues in the NEM Followed by interactive panel discussion	Growing the workforce pipeline A roadmap to solve the skill deficit to rewire our nation Game on: Harnessing creativity to build tomorrow's renewable workforce The key skills gap for electrical engineers in the green hydrogen sector Followed by interactive panel discussion
eak					

DAY 2 | THURSDAY 24TH OCTOBER 2024 | CONFERENCE AGENDA

2:50pm

PLENARY DOOR 10	ROOM 220	ROOM 219	ROOM 218	ROOM 217	ROOM
EV TECHNOLOGY & INFRASTRUCTURE	**POLICY CHALLENGES**	**BIOENERGY & MANUFACTURING**	**BATTERY ENERGY STORAGE SYSTEMS**	**ELECTRIFICATION**	**SOLAR CO COMME**
Heavy vehicle electrification	Policy drivers for decarbonisation	Decarbonising the manufacturing sector	Building grid resilience: Battery energy storage systems (BESS)	Outlook for electrification	Meeting den purchase an solar
Navigating the evolving future grid ecosystem with new assets and stakeholders	Spatial gas research to understand policy options to electrify	Biomethane in steel making	Solving battery cell-to-cell variations to extend and enhance the operating life of a BESS (Battery Energy Storage System)	All electric precincts: Opportunities, barriers and key players	Insights fron solar homes – unlocking potential of
The missing piece: Charging infrastructure for heavy battery electric vehicles	Net zero precincts	Biomethane as a decarbonisation pathway for manufacturers	Next generation battery energy storage systems (BESS) trends	Navigating electrification: Are we ready for commercial and heavy fleets?	Accelerating Australia's s revolution: I cellular tech rapid solar c
What can the freight sector learn from the electric bus transition?	Land use futures modelling to inform policy	How agricultural waste can deliver Australia's carbon neutral future fuel	Platinum Sponsor: HTHIUM	Reaching net zero by 2035 through renewables growth and electrification	How a solar Northern Te became an internationa delivering fi the grid?
Electrifying the future: A fireside chat on green transport innovations with EnergyAustralia and Tropic Wings	Accelerating emissions reduction in the Australian health system	Providing a decarbonisation pathway through renewable gas	Role of battery energy storage systems (BESS) in the grid of the future	ElectriFAIRcation at AusNet	Followed by panel discus
Followed by interactive panel discussion	Followed by interactive panel discussion	Decarbonising hard to abate sectors	The lowest cost battery is the one you already own... if you're in refrigeration!	Followed by interactive panel discussion	
Supported by: ELECTRIC VEHICLE COUNCIL		Followed by interactive panel discussion	Battery energy storage systems - a new asset class		
		Supported by: BIOENERGY AUSTRALIA	Designing a reliable and efficient communication network for large-scale BESS		
			The rewards and challenges of co-location		
			Panel discussion		

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– 4:10pm

M 213	ROOM 212	ROOM 211	ROOM 210	ROOM 204	ROOM 203
NSUMER & ERCIAL	SOLAR MANUFACTURING	ENERGYLAB STARTUP SHOWCASE	NET ZERO	LOCAL MANUFACTURING	SOLAR
mands to d install m Victoria's program the solar g solar oT and nologies in deployment farm in the rritory l pioneer rm power to interactive ssion	**Enhancing solar manufacturing** **PV soiling: Unlocking the truths and debunking the myths behind solar maintenance and the impact of soiling on asset ROI** **Solar panel cleaning: Breaking the myths** **Followed by interactive panel discussion**	**Pitch event: Breakthrough technologies** Opening with a keynote/ panel highlighting a startup success story, then followed by a series of pitches focused on breakthrough or new technology.	**Developing net zero industrial precincts** **Water for hydrogen – will there be enough to support the energy transition?** **Creating hydrogen HyWays to decarbonise heavy transport** **Australia's green superpower moment** **Power system planning in a high green energy export future** **Followed by interactive panel discussion** **Supported by:** AUSTRALIAN HYDROGEN COUNCIL **Hosted by:** CLEAN ENERGY COUNCIL	**A renewable future made in Australia** **Interactive panel discussion**	**End uses of concentrated solar power: Green fuels, industrial process heat and utility scale electricity** **Solar thermal to support advanced sCO2 power cycles** **Solar thermal for industrial process heat applications** **Solar thermal to support the NEM and SWIS** **Followed by interactive panel discussion**

ONFERENCE

Energy Management Zone

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Showcasing Business Leadership in Energy and Emissions Reduction

All Energy Australia 2024 – Energy Management Zone

From a dedicated stage on the main expo floor, the Energy Management Zone, supported by the Energy Efficiency Council, will host industry leaders and policy experts in a series of interactive panels covering the incredible opportunities on the demand side of the energy transition.

Day 1 discussions will focus on the benefits of energy management and energy efficiency for everything from individual health and wellbeing to the wider energy grid, while Day 2 explores the emerging energy management technology that is enabling industry to decrease costs and meet net zero emissions targets.

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DAYS 1 & 2
ENERGY MANAGEMENT THEATRE

Energy Management Zone

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Session titles and speakers may change without prior notice as the program develops.

CONFERENCE AGENDA | DAYS 1 & 2

DAY 1

ENERGY MANAGEMENT THEATRE

ELECTRIFICATION

9:30am – 9:50am

Electrification and gas system decarbonisation: Challenges and lessons learned from North America

9:50am – 10:10am

SEC Victoria electrification presentation

10:10am – 10:30am

How to accelerate electrification – delivery electrification at scale

10:30am – 10:50am

Seizing opportunities and managing risks in the electrification transition

ELECTRIFICATION

1:20pm – 1:40pm

Electrification and demand flexibility: Becoming an energy master

1:40pm – 2:00pm

Understanding the home energy management system (HEMS) landscape: Is the supply chain ready for residential electrification?

CONSUMER ENERGY RESOURCEES AND DEMAND FLEXIBILITY

10:50am – 11:10am

24/7 TrueZero: Demand-side strategies for using 100% renewable electricity

11:10am – 11:30am

Unleashing the power of consumer energy resources

11:30am – 11:50am

Putting the consumer at the heart of consumer energy resource

11:50am – 12:40pm

Panel discussion: Priorities for the consumer energy resources roadmap

CONSUMER RESIDENTIAL BUILDINGS ENERGY PERFORMANCE RETROFITS

2:00pm – 2:20pm

Better homes & carbon: Tackling the split-incentive barrier in private rentals

2:40pm – 3:00pm

Residential upgrades in apartment buildings

3:00pm – 3:40pm

Panel discussion: Home energy upgrades: How to upgrade 1 million + Australian homes

3:40pm – 4:00pm

Local government as a trusted delivery partner for household retrofits

DAY 2

ENERGY MANAGEMENT THEATRE

COMMERCIAL DECARBONISATION

9:50am – 10:10am

Holistic approach to energy

10:10am – 10:30am

Energy efficiency: The first & must step!

HEAT PUMPS

12:00pm – 12:15pm

The heat pump hot water systems roadmap

12:15pm – 1:00pm

Panel discussion: Roadmap to revolution: Transforming the hot water market

1:00pm – 1:20pm

Electrifying commercial pools: Heat pump feasibility assessment at Hornsby Aquatic and Leisure Centre

INDUSTRIAL DECARBONISATION

10:30am –11:20am

Panel discussion: Policy for industrial decarbonisation: What has worked, what is coming and what is still needed?

11:20am –11:40am

Putting energy efficiency to work in business

CONSUMER DIGITALISATION AND ENERGY EFFICIENCY SCHEMES

1:40pm – 2:00pm

AI in the energy transition: Building a net zero electricity system

2:00pm – 2:20pm

Energy productivity guidelines for Industry 4.0: A practical approach to enabling enterprise to deliver on the promise

2:20pm – 2:40pm

Open energy data and the applications of AI

3:00pm – 3:45pm

Panel discussion: Supercharging the energy efficiency schemes for net zero

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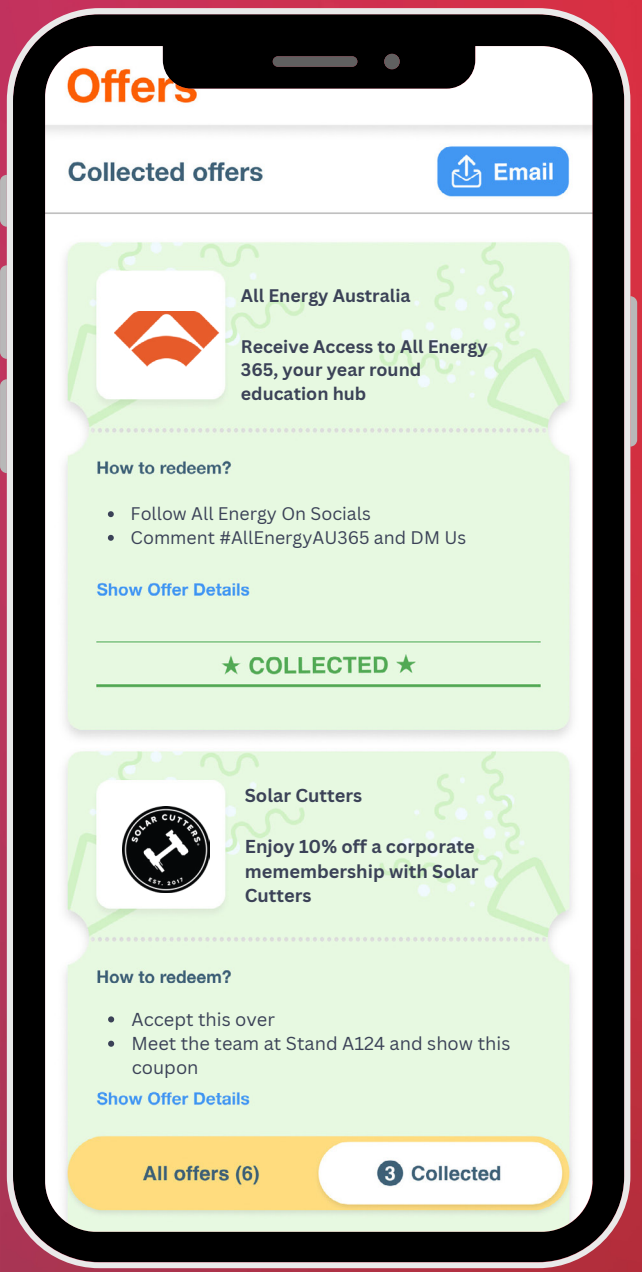

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MyCEC MASTERCLASS

The Solar Masterclass Series provides a one-stop shop for solar designers and installers to get expert advice on the major design and installation issues currently facing the industry. Attendance is free and Continuous Professional Development (CPD) points will be available to eligible installers who scan into each session.

Day 1 | MyCEC Masterclass Theatre, Exhibition Show Floor

9:30am – 10:00am

Welcome & introductory session – masterclass opening by CEC chair

Con Hristodoulidis, Acting Chief Policy and Impact Officer, Clean Energy Council

10:15am – 11:30am

Solar's role in the transition to net zero

Explore the crucial role solar power plays in providing clean, renewable energy and helping Australia achieve net-zero emissions.

Paul Corkill, Executive Director – Policy, Programs and Industry Development, Solar Victoria

12:30pm – 1:30pm

Regulator round up

The rooftop solar and battery industry is continually evolving, and regulation must keep in step to ensure safety and quality. Hear the latest updates and future developments from the key organisations involved in regulation of the industry in Victoria and Australia.

Thomas Seymour, Chief Compliance Officer, Solar Accreditation Australia

Amanda Brown, Manager, SRES, Clean Energy Regulator

Carmen Pace, Manager, Safety, Quality & Audits, Solar Victoria

1:30pm – 2:00pm

Clean Energy Council products & NETCC updates

Technical Directorate, NETCC & Products Team, Clean Energy Council

2:30pm – 3:15pm

Victoria's new emergency backstop: Meeting the new requirements

On 1 October, Victoria introduces its emergency backstop requirements for residential solar systems. An emergency backstop will allow AEMO, in collaboration with distribution businesses, to remotely turn down or switch off rooftop solar systems during minimum system load events to ensure the system remains reliable and stable. Understand more about the new requirements and how to commission a solar system compliantly.

Sanaz Tabasi, Commercial Lead - Grid Stability Project, Jemena

Mary Masters, Engagement Lead, AusNet Services

3:15pm – 4:00pm

Dynamic control of solar and loads

Dynamic and centralised control of solar, EV charging and loads is rapidly becoming mandatory. Is this good or bad for solar owners? What technology exists to enable control? What other "signals" exist to drive consumer behaviour and how do they combine? Understand the latest requirements and how to talk about them with your customers.

Nigel Morris, Head of Sales & Marketing, Catch Power

Day 2 | MyCEC Masterclass Theatre, Exhibition Show Floor

10:00am – 10:30am

Compliant labeling for batteries

BESS and BS labelling requirements are a source of constant confusion in the industry. Understand what you need to do to apply the right hazard labels relating to battery chemistry and installation situations.

Scott Beesley, ESV Enforcement Officer, Energy Safe Victoria

10:30am – 11:30am

AS/NZS 4777.1 revision: Understand upcoming requirements for inverter installations

A revision of AS/NZS 4777.1: covering installation requirements of inverters, is coming soon. Understand what the key changes are and how it affects your installations, including integrating electric vehicles and testing verification.

Sandy Atkins, ESV Compliance Officer, Energy Safe Victoria

12:30pm – 1:15pm

Connecting electric vehicle charging infrastructure to AusGrid's network

New EV purchases in Australia more than doubled in 2023 and EV Charging Infrastructure (EVCI) is becoming a growing source of business for electricians.

Discover the key considerations for the connection of EVCI to Ausgrid's network for a range of solutions including public kerbside charging, pole mounted charging, residential off-street charging and private parking chargers.

Darren Fitzpatrick, Senior Development Manager EVCI, AusGrid

1:15pm – 2:00pm

DER's impact on the ratings of busbars in switchboards

Busbars in switchboards are a crucial component in electrical distribution systems. Learn from the National Electrical and Communications Association (NECA) about how solar and battery installations can affect the ratings and performance of busbars.

Louis Knoops, Technical Manager, National Electrical and Communications Association

2:30pm – 3:15pm

Mitigating the risk of DC arcs and rooftop fires, maximising PV yield

This technical masterclass will cover two essential topics for those installing and designing solar systems: risk and performance. The first half will cover the causes of DC arcs and rooftop fires, focusing on mitigation strategies, while the second half will explore methods to enhance solar system yield by maximising production and efficiency, particularly regarding shading and mismatched PV modules.

James Sturch, Technical Director, Rest of World, SolarEdge Technologies

3:15pm – 4:00pm

Powerwall 3 installations: Optimising the install experience

Tesla has onboarded over 1600 solar businesses in Australia as Powerwall Certified Installers. This session will offer a comprehensive technical deep dive into the design, installation, and commissioning processes of Powerwall 3.

Kenneth Hee, Residential Engineering Manager - Energy, Tesla

SPONSORED BY:

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View the latest MyCEC MASTERCLASS Theatre 1

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At RX, we're serious about sustainability.

We are founding members of the Net Zero Carbon Events pledge to make our company, our shows and the wider events industry net zero. We commit to being Net Zero by 2040 and to make a 50% reduction in greenhouse gas emissions by 2030.

In 2023 we published our pathway to net zero, setting out our reduction strategy with key milestones for all our shows. Given the complex nature of our supply chain and the emissions associated with a show, it is only by working together as an industry that we will be able to reduce our impact. We are building a company of net zero heroes to take action and ensure a sustainable future

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The ultimate platform to showcase energy solutions that will provide significant benefit to the renewable energy sector.

Located on **level 2** of the **Melbourne Convention Centre**, the Clean Energy Start Up Display Zone

EnergyLab	**Start-Up 1**
Xylo Systems Pty	**Start-Up 2**
SolYield	**Start-Up 3**
XiMou Optimization Technology	**Start-Up 4**
SolarisAI Pty Ltd	**Start-Up 7**

IcarusRT	**Start-Up 9**
Australian Energy Assesments	**Start-Up 10**
Reswitch Pty	**Start-Up 11**
VizAR	**Start-Up 12**



CLEAN ENERGY START UP ZONE

EnergyLab
START-UP 1

EnergyLab is Australia's largest climate tech startup accelerator and innovation network dedicated to reaching net zero emissions. With nearly 200 alumni supported through its programs and an ecosystem of 400+ mentors, 200+ angels, and dedicated industry partners, EnergyLab connects talented founders to the mentors, advisors, partners, peers and investors they need to succeed.

SolYield
START-UP 3

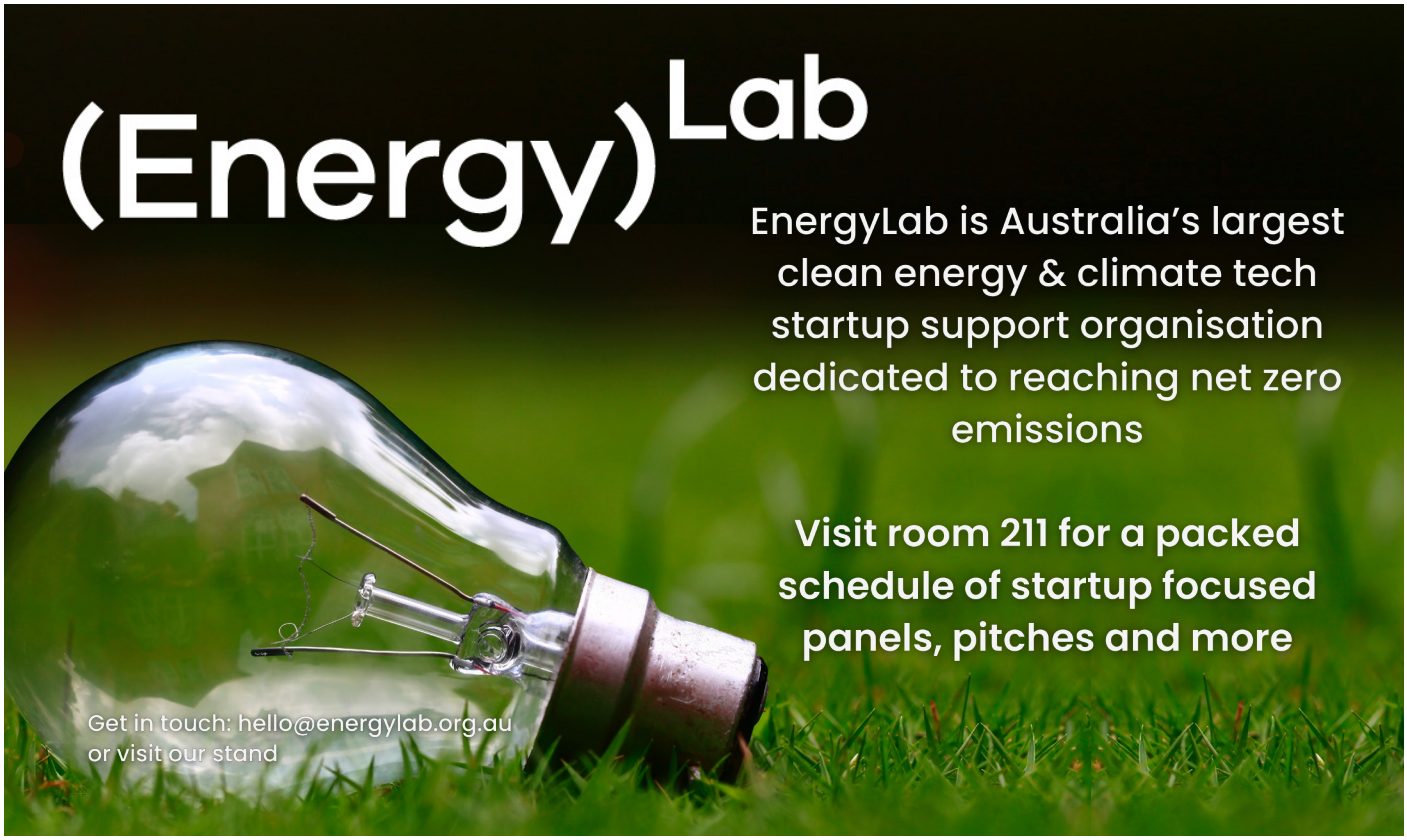
SolYield: Your Digital Partner to Maximise Solar Profits. Switch to SolYield at No Upfront Cost and Experience: * Up to 25% increase in lifetime savings. * Up to 30% decrease in operational costs. * Up to 50% increase in customer referrals. AI-Driven Insights to Stay in Control as You Scale Your Operations: (a) Automate the detection, prioritisation, assignment, and resolution of over 30 solar issues across your portfolio. (b) Create a solar monitoring and service management portal with your own branding to boost customer engagement, referrals, and battery sales.

Xylo Systems
START-UP 2

Xylo Systems is an award winning platform that easily and cost effectively guides the property and energy sectors in measuring, managing & reporting their footprint using data and AI. The platform enables companies to make informed decisions for nature-positive practices - from identifying where to build projects that minimise impact on species, to recommending how to regenerate biodiversity across operations. With Xylo Systems, any project can become nature positive.

SolarisAI Pty Ltd
START-UP 7

SolarisAI Pty Ltd is a SaaS advanced data analytics & AI platform for solar farms and large-scale photovoltaic (PV) commercial installations. The platform was developed under the supervision of Associate Professor Rahul Sharma within UQ's School of Electrical Engineering & Computer Science. The back-end O&M platforms use advanced algorithms to analyse customer data to maximize energy output by identifying faults, equipment underperformance, targeting PV soiling cleaning, curtailment, DC clipping, inverter monitoring and predictive maintenance requirements utilising AI.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Reswitch is a simple yet powerful platform that unites communities and renewable energy developers, driving Australia's energy transition forward. Our mission is to accelerate this shift by equipping developers with the tools to earn and maintain social license, delivering tangible benefits to host communities through power bill credits.
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CLEAN ENERGY START UP ZONE

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Reswitch
START-UP 11

Reswitch ensures Australia's energy shift succeeds by connecting residents in host communities with renewable energy developers to seamlessly receive energy bill credits through their existing energy providers. Our user-friendly platform promotes transparency, equitable benefits, and genuine collaboration, enabling a direct communication line. With Reswitch, developers gain the essential tools to earn and maintain social license, ensuring every community benefits from the energy shift. Explore how Reswitch can help you earn social license for your project today.

Australian Energy Assessments
START-UP 10

Welcome to Australian Energy Assessments, your trusted source for Residential Efficiency Scorecard assessments, energy inspections, and tailored upgrade recommendations to enhance home comfort and sustainability. At Australian Energy Assessments, we believe that energy efficiency and sustainability should be accessible to everyone. That's why we provide free government-accredited Residential Efficiency Scorecard assessments, empowering households across the country with valuable insights to improve energy performance.

VisAR
START-UP 12

VizAR is an Augmented Reality Infrastructure Visualisation Platform, designed to support community consultation and stakeholder engagement programs for large infrastructure and energy projects. - Transform Community Consultation & Stakeholder Engagement practice with immersive, mixed reality experiences - Enable location-based, data driven decision making and transparency in planning, consultation and submissions.

Solaris AI

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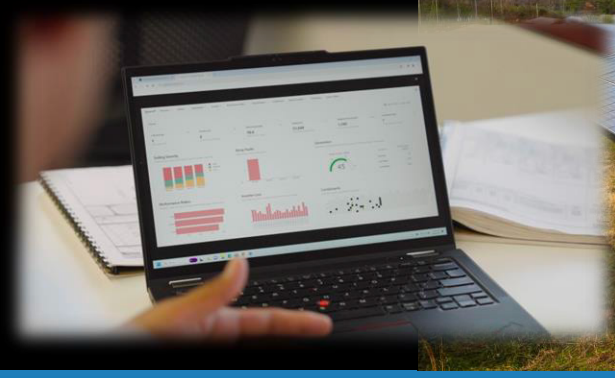



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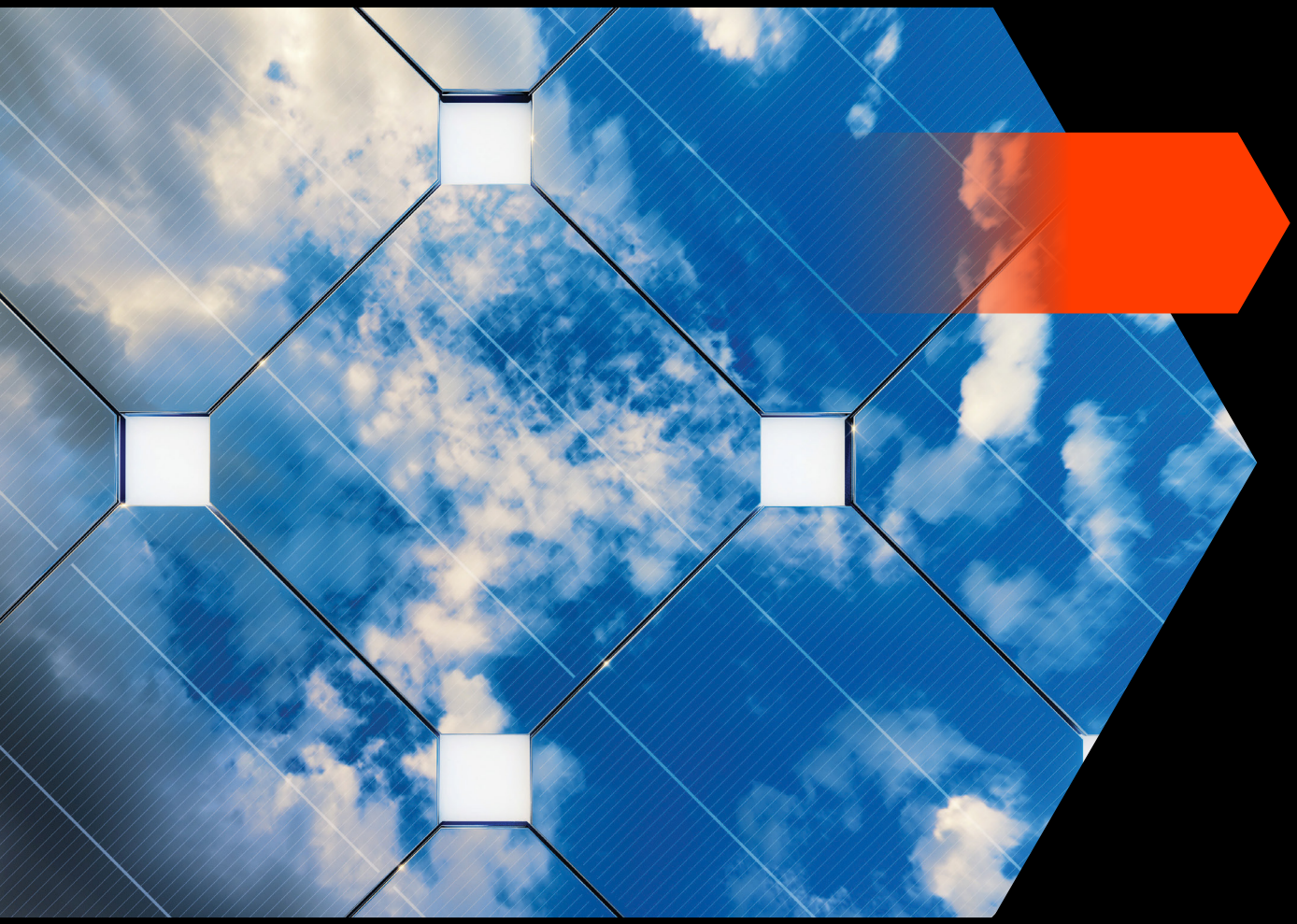

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EOS Energy Storage	X152
ESI Asia Pacific	NN101
EVE Energy Storage Co Ltd	I131
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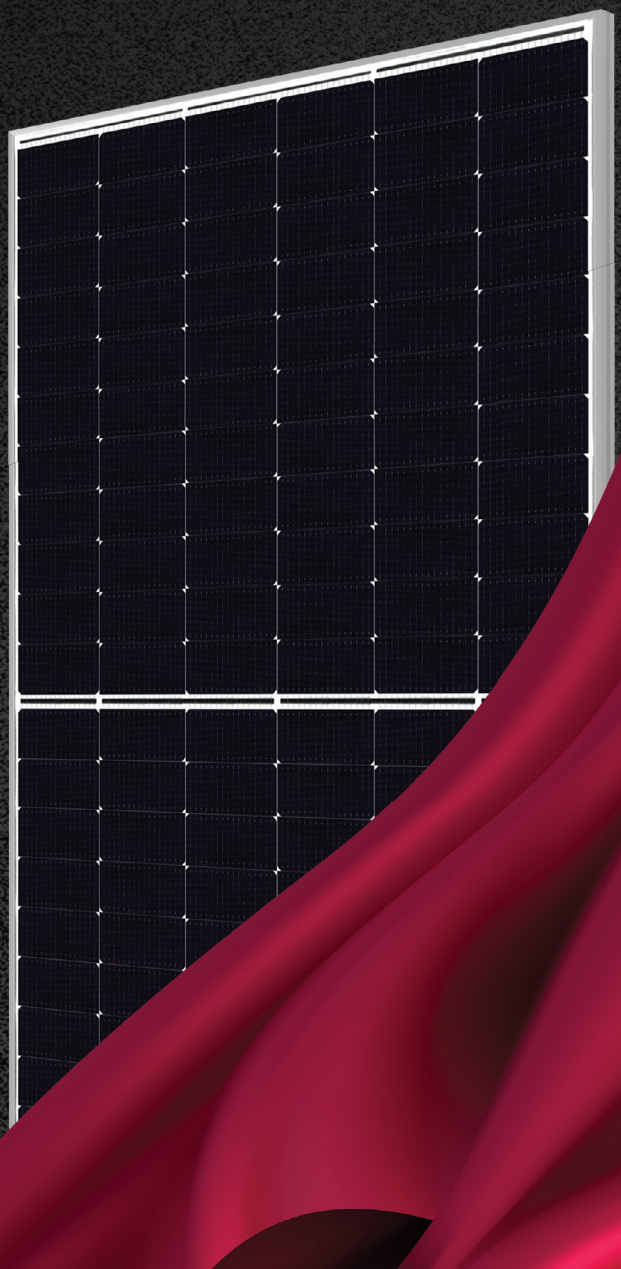

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G

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Gamesa Electric	LL101
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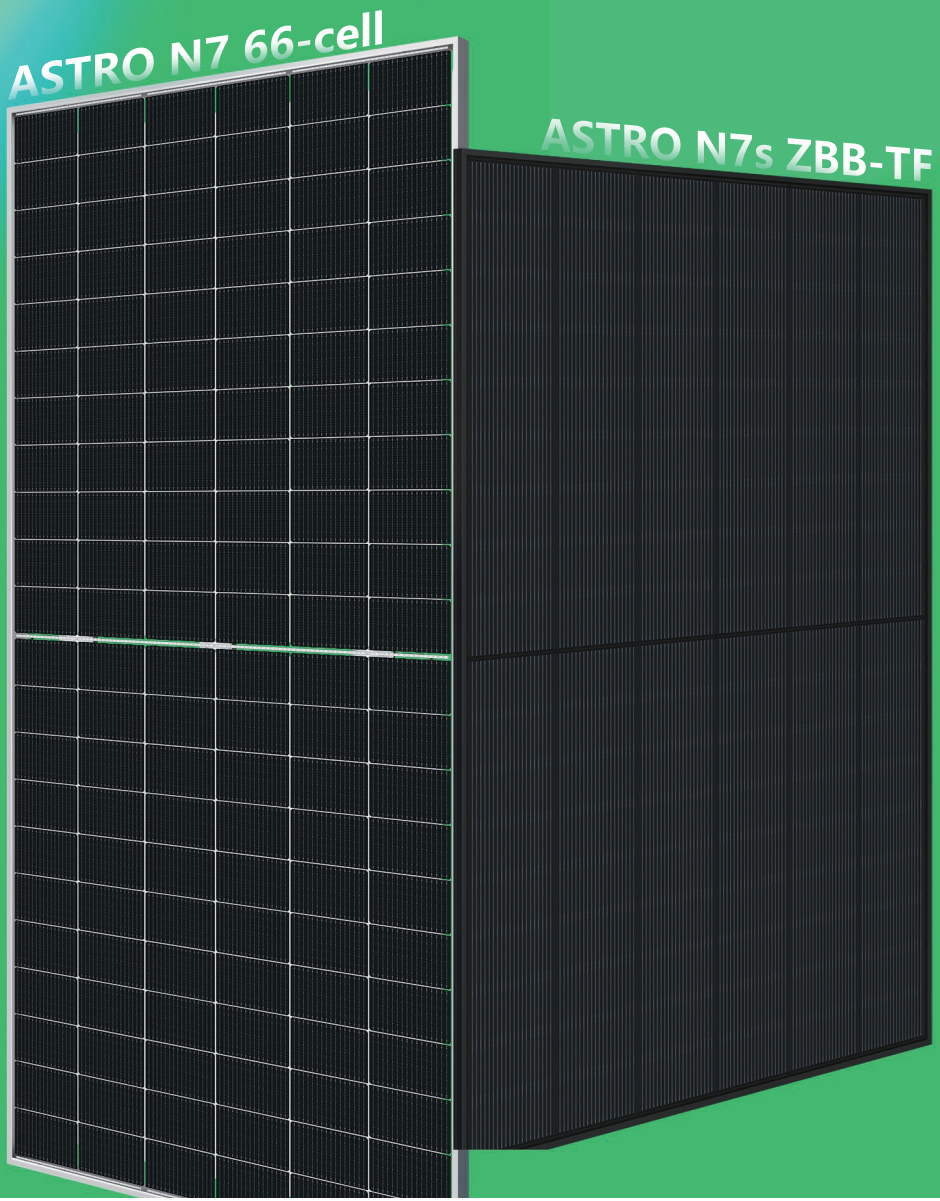

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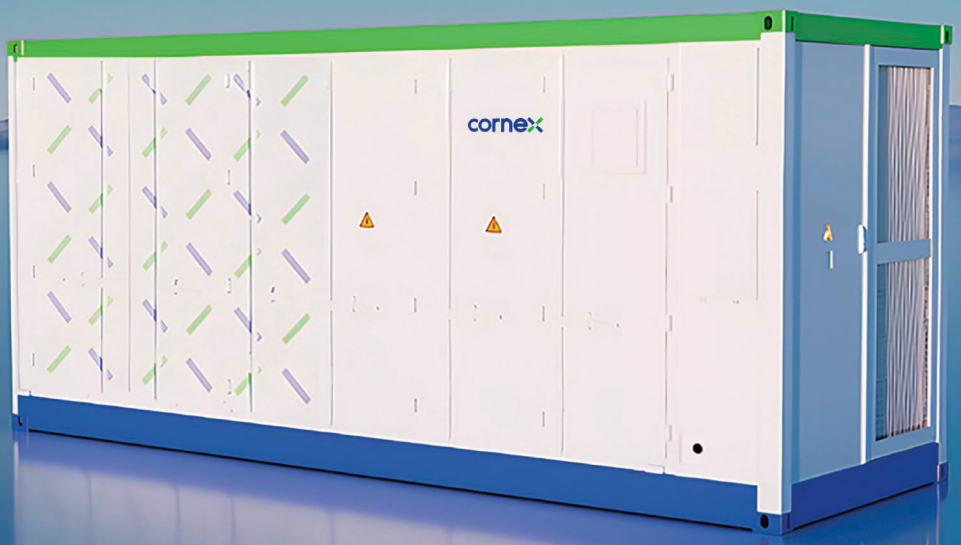

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GivEnergy Australia Pty Ltd	QQ147
GNW Power Australia Pty Ltd	PP109
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International SASSIN Electric Shanghai Co Ltd	H127
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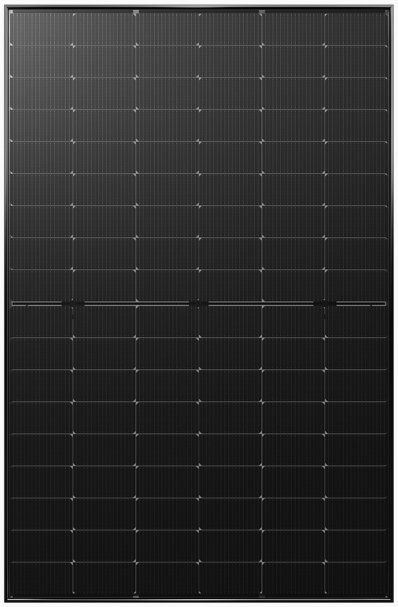

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Product Warranty

30-YEAR
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Jiangxi JingJiu Power Science & Technology Co Ltd	**T143**
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Ningbo Deye Inverter Technology Co., Ltd.	**RR113**
Ningbo Victor Solar Technology Co., Ltd.	**JJ142**
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NR Electric Co., Ltd.	**H135**
NWI Group	**GG127**
One Stop Warehouse	**N123**
Optimal Group Australia	**HH109**
PC1 Group	**V150**
Phoenix Contact Australia	**R139**
Photon Planet Ltd	**X150**
Pixii Australia Pty Ltd	**K101**
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PowerPlus-Energy	**SS149**
Powertech PTY LTD	**WW131**
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RCT Power	**KK139**
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SHENZHEN RISING CO LTD	**NN147**
Shenzhen SOSEN Innovation Technology Co., Ltd.	**L147**
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SRNE Solar Co Ltd	**LL147**
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Stemar Electrical Products Pty Ltd	**YY117**
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Swatten	**RR139**
TBB Renewable (Xiamen) Co Ltd	**L139**
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Teltonika IOT Group	**S139**
Teplore Co Ltd	**X113**
Tesseract ESS Pty Ltd	**UU101**
Tianchang ShengRi Solar Energy Co Ltd	**N103**
Tindo Solar	**L101**
TMC Transformers APAC Pte Ltd	**V146**
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Westrafo	I147
Wiremarkers Australia	QQ150
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Wuxi Sun King Energy Technology Co Ltd	JJ135
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GELPAG Advanced Technology GmbH	GG136
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Smart Ease	PP108
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Ampcontrol Pty Ltd	RR146
Aurora Energy Research Pty Ltd	I104
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International SASSIN Electric Shanghai Co Ltd	H127
Kalki Communication Technologies Pvt Ltd	PP147
LANDIS + GYR	Y127
my-PV GmbH	HH126
NHOA Energy	HH118
Ningbo Carstel Manufacturing Co., Ltd.	WW142
Ningbo Victor Solar Technology Co., Ltd.	JJ142
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5B Australia Pty Ltd	V131
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Ampcontrol Pty Ltd	RR146
Antai Solar Australia Pty Ltd	MM139
Astronergy (Chint New Energy Technology Co Ltd)	KK131
Aurora Energy Research Pty Ltd	I104
AusRE Solutions Pty Ltd	LL150
AXITEC Energy Australia Pty Ltd	TT139
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Enerven Energy	JJ150
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Fractal EMS	Q146
GameChange Solar	VV123
GCL System Integration Technology Co Ltd	PP149
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Ampcontrol Pty Ltd	RR146
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Bytewatt Technology Co Ltd	MM100
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Antai Solar Australia Pty Ltd	**MM139**
Arctech Solar Holdings Co Ltd	**X123**
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AusRE Solutions Pty Ltd	**LL150**
AXITEC Energy Australia Pty Ltd	**TT139**
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- **3~6kW**
- **IP65**
- **MPPT:** 2
- **AFCI** (optional)
- **Fanless** (<30dB)
- **SPD:** AC/DC: Type II (optional)
- **Max DC input current:** 14A
- **Number of PV strings per MPPT:** 1

G Series

- **7~10.5kW**
- **IP65**
- **MPPT:** 3
- **AFCI** (optional)
- **Fanless** (<30dB)
- **SPD:** AC/DC: Type II (optional)
- **Max DC input current:** 14A
- **Number of PV strings per MPPT:** 1



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GameChange Solar	**VV123**
Gamesa Electric	**LL101**
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GoodWe Technologies Co Ltd	**NN131**
Grace Solar Technology Pty Ltd	**MM101**
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HellermannTyton Australia Pty Limited	**QQ151**
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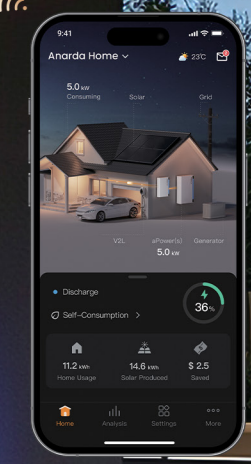

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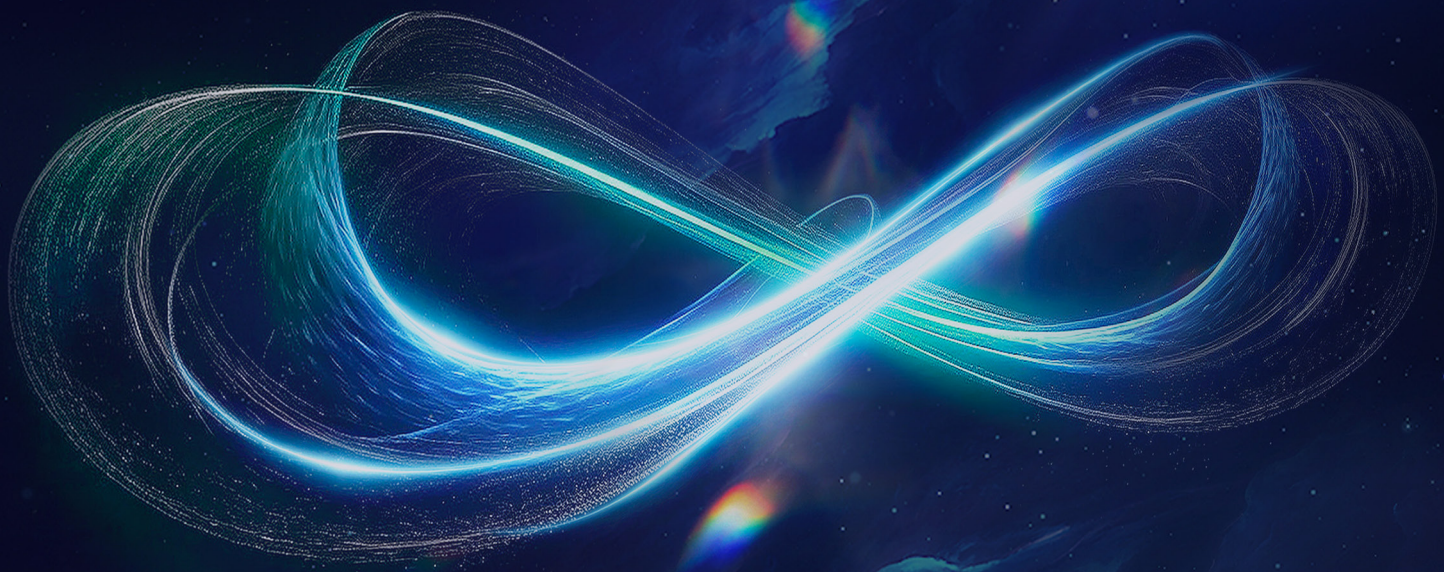

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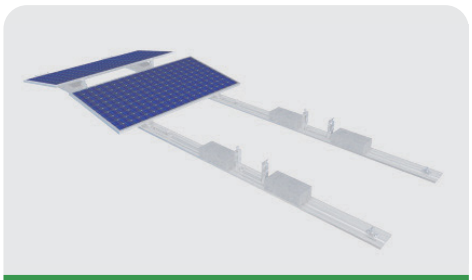

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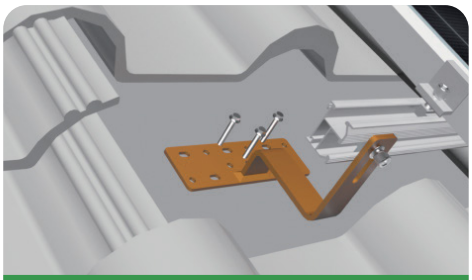

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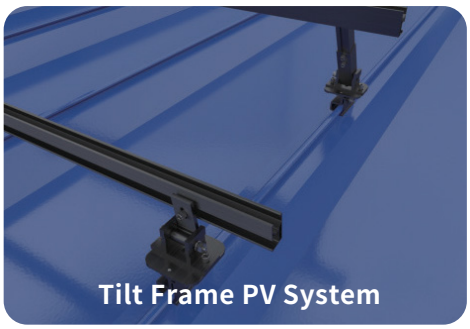

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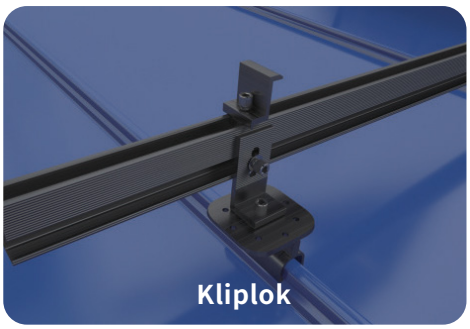

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The Anker Solix series is proudly presented by Anker Innovations, a global leader in smart charging technologies and a developer of consumer products for the home, car, and mobile life. Founded in 2011, Anker has established itself as an innovator and market leader in intelligent charging solutions. Anker Innovations is committed to shaping the consumer electronics brand in the global marketplace, bringing innovative, technologically savvy leading products to consumers. Our products are selling to more than 140 countries and regions around the world, with more than 100 million users.

Antai Solar Australia Pty Ltd

Antaisolar, expert in digital intelligent PV mounting system solutions. Established in 2006, Antaisolar has nearly 800 employees, including over 120 dedicated technical specialists, providing global customers with full-material, full-function, full-service solar tracking, racking and BIPV system. With a global presence, Antaisolar set up branches, subsidiaries and offices in Shanghai, Australia, Japan, the United States, India, the Netherlands, Brazil, Singapore, Vietnam, the Philippines, Malaysia and many other countries and regions.

APsystems

Founded in 2010, APsystems is the #1 global multi-platform MLPE solution provider, offering Microinverters and energy storage for the solar PV industry. With 9 subsidiaries or branches worldwide and 5 local warehouses, the company has shipped over 5GW of products worldwide, having generated to date around 5GWh of clean electricity in more than 130 countries.

PLAY VIDEO

Arctech Solar Holdings Co Ltd

Arctech has a 6.4GW production capacity in China, 2.8GW production capacity in trial operation, a capacity of 3GW from the Indian manufacturing base, which entered operation in August 2022, and a capacity of 3GW from the Saudi factory. This results in a total annual production capacity exceeding 30GW. The company has also partnered with global OEMs to enhance its global supply chain diversification. The company has three major product categories, including solar tracking systems, fixed-tilt structures, and BIPV solutions.

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Leading the Way in Empowering the Residential and C&I ESS



Deye Inverter
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Market@Deye.com.cn

ARRAY

Array Technologies Inc

Array Technologies Inc is a global leader in solar tracking and enjoys a worldwide reputation as pioneers and champions of solar. The company is a leading solar tracking solutions and services provider for utility-scale projects with more than 30 GW-years of energy production and over 30 years of excellence. With efficient installation and terrain flexibility, coupled with high reliability, durability, and performance, Array delivers the best project returns in the industry.

ASTRONERGY

Astronergy (Chint New Energy Technology Co Ltd)

Founded in 2006, ranking top 6 in global shipments, Astronergy has continuously launched the ASTRO series high-efficiency, high-quality and high-performance PV modules, which could be perfectly applied in all scenarios such as utility-scale power stations, commercial & industrial (C&I) PV systems and residential PV rooftops. Astronergy pioneered the mass production of TOPCon PV modules and keeps leads in n-type PV cell tech. Committed to be the most competitive PV modules supplier worldwide, Astronergy sets its mission to create a sustainable and net-zero carbon world with solar power.

Astrum Energy – Pytes Australia

Astrum Energy Pty Ltd is the Australian exclusive distributor for PYTES Li-ion battery manufacturer. Our B2B model serves BESS specialists and certified installers, offering high-quality products, swift assistance, competitive pricing, and exceptional technical support. Established in 2004, Pytes Energy Co. Ltd has become a global leader in Lithium (LiFePo4) batteries, and in partnership with Astrum, Australian BESS design and installation companies have access to the outstanding quality, flexibility, and connectivity of PYTES Battery – leveraging over 20 years of technological expertise.

PLAY VIDEO

ATB Riva Calzoni

ATB Group is an international player in the following sectors: heavy equipment, hydo mechanical equipment, renewables, civil construction and industrial services. As a reliable Italian industrial firm that combines know-how and technologies, we meet the needs of a global market which has increasingly become selective and competitive, aiming at high quality standards.

OSW x All Energy AUSTRALIA

Visit our stand at OSW for Energy solutions
with 30+ Brands & 1500 Products, including PV panels, Inverters, Batteries, EV Chargers, Heat Pumps. Experience top-notch customer service and Technical Support.



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Aurora Energy Research Pty Ltd

Aurora Energy Research is a leading global provider of power market forecasting and analytics for critical investment and financing decisions. Headquartered in Oxford, we operate out of 14 offices worldwide covering Australia, Wider Asia, Europe, and North & South America. Our comprehensive services include market outlook packages for energy industry participants, advisory support, and innovative software solutions. Our mission is to facilitate the global energy transition through widely trusted quantitative analysis and high-quality decision support.

NEW





AusRE Solutions Pty Ltd

Our products and services are designed to optimize energy performance, reduce costs, and support sustainable energy goals. We provide innovative systems, including renewable power plant controller, advanced SCADA+ technologies and solution for small size power plant, tailored to meet the unique needs of each client. With a strong focus on innovation, we ensure optimal integration and management of renewable energy systems, helping our clients achieve their sustainability objectives effectively.





Australian Energy Assessments

At Australian Energy Assessments, we believe that sustainability should be accessible to everyone, regardless of their socio-economic status. Our mission is to empower individuals from all walks of life with the knowledge and tools they need to enhance their sustainability and comfort. By offering affordable services and educational programs, we're making it possible for everyone to take meaningful steps towards a greener future.



Australian Government

Austrade is Australia's leading trade and investment agency. We help companies around the world to identify and take up investment opportunities in Australia as well as to source Australian goods and services for their global supply chains. DCCEEW is a newly established department created to support and deliver on the Australian Government's climate change and energy agenda, and protect Australia's environment and water resources. The policies and programs we deliver include those to help address climate change and build a more innovative, sustainable, future ready energy system.



Electrifying Australian homes and businesses

origin



- Solar batteries
- Heat pumps
- Spike energy saving events
- EV charging
- Community battery

Origin is committed to delivering simple, integrated energy management and electrification solutions to help customers make the most of their energy.

Are your customers looking to switch to solar, keep their bills down, lower their carbon emissions, invest in energy assets or get more value from them? Origin can provide access to lower energy costs and greater earnings for their energy exports, while helping to grow your business too.

Visit us at stand TT131

AXITEC Energy Australia Pty Ltd

As a pioneer in solar, AXITEC dedicates itself to implementing the newest advances in manufacturing of solar modules. Through long-term relationships in the industry, AXITEC has become one of the technological and economical leading manufacturers in solar. The engineering at headquarters in Germany controls the global production capacities of 2GWp. Over the last 23 years, thousands of homeowners and businesses around the world have put their trust in AXITEC and invested in their future. This is AXITEC's commitment to the future of energy. Energy for a better World!

AZZO

AZZO is a global engineering company specialising in systems integration, Energy IoT platforms and lifecycle services for renewable energy transformation. Our solutions range from simple energy monitoring, to utility scale power monitoring and control systems including energy automation.

PLAY VIDEO

Baxenergy Italia

Our company offers leading multi-vendor cross-functional IoT operating software technology for visualizing, analysing & optimizing operations in wind, hydro, solar, geothermal, and combined cycle power plants. The technology also supports battery storage technology and can be used to monitor and control the production of green hydrogen and green ammonia.

Beijing EPSolar Technology Co Ltd

Since 2007, EPEVER has been at the forefront of the solar industry, providing innovative tools for efficient and reliable energy harvesting from the sun. Based in Beijing, we leverage a rich pool of talent to pioneer technologies that make solar power accessible everywhere.

PYLONTECH

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JJ131

Beijing HyperStrong Technology Co Ltd

HyperStrong is a leading energy storage system integrator and service provider. Founded in 2011, with over 12 years of R&D and experience garnered through more than 300 projects and over 15GWh of deployment, HyperStrong has built four smart manufacturing bases, three R&D centers, two testing labs and a global marketing center, HyperStrong empowers clients worldwide to achieve their energy transition and carbon neutrality goals.

Beijing JA Solar PV Technology

Founded in 2005, JA Solar is a manufacturer of high-performance photovoltaic products. With multiple manufacturing bases and 13 sales subsidiaries around the world, the company's business covers silicon wafers, cells, modules and photovoltaic power stations. JA Solar products are available in over 130 countries and regions and are used extensively in ground-mounted power plants, commercial & industrial rooftop PV systems and residential rooftop PV systems. By the end of Q1 2023, the cumulative shipment of JA Solar reached 140GW.

Beijing Multifit Electrical Technology Co Ltd

Multifit Solar is a high-tech manufacturer which is mainly dedicated to research and development, produce, sale and construct of solar power systems and other green energy. Our cleaning equipment include solar panel tracking cleaning robots, track-mounted fully automatic walking solar cleaning trolley, the third generation four-wheel drive mode of the solar cleaning robot with stronger cross-barrier ability, crawler-type upper and lower cleaning robot and semi-automatic photovoltaic cleaning brush for civil power stations.

NEW

Bison Brothers

Bison Brothers, founded in March 2023, is part of Bison Energy Group. The company focuses on advanced energy storage technologies, offering solutions for global grids, businesses, and homes. It has subsidiaries in Japan, Australia, the US, Italy, and Romania.

NEW

RAYSTECH

Your Trusted Solar Partner

THE TOP RENEWABLE ENERGY WHOLESALE DISTRIBUTOR IN APAC

Our mission is to enable the global renewable industry to grow by supporting our partners and moving towards a carbon-neutral economy protecting our planet Earth.



Blue Sun Group

Blue Sun Group (BSG) is one of Australia's leading suppliers and distributors of solar panels, inverters and mounting kits. Operating out of Brisbane since 2005, BSG has grown to three offices throughout Australia. The additional warehouses in Melbourne and Sydney enable fast, Australia wide delivery or prompt local pick up. Our long-standing history gives our customers confidence that their warranties will be honoured for years to come. Specialising in the residential support for domestic installers alike, BSG has a wide range of domestic inverters and panels for its customers.

NEW

BLUETTI

From the very beginning, BLUETTI has tried to stay true to a sustainable future by offering affordable green energy storage solutions for both indoor & outdoor use. With years of innovation and a caring commitment to the environment, BLUETTI has curated an extensive and reliable product portfolio tailored for adventures, emergency backup power & off-grid living, making a tangible and positive impact on minimizing our carbon footprint for the greater world we share. That's why BLUETTI has become an industry leader that makes its presence in 100+ countries & is trusted by millions of customers.

Braemac Pty Ltd

Braemac offers design to manufacturing services for your renewable application needs from solar, EV battery/charging, wind turbines, UPS and batter backups. We are known for our highest level and dedication for our technical support as well as sourcing your key component needs from suppliers like Schaltbau, LittelFuse, Amphenol FCI, and SANYO DENKI.

NEW

BYD Energy Storage

BYD Auto Industry Company Limited

BYD Energy Storage specializes in research & development, manufacturing, marketing, service, and recycling of energy storage products. Leveraging cutting-edge battery technology, the company has successfully delivered safe and reliable energy storage solutions for hundreds of utility-scale, C&I, and residential projects worldwide, spanning over 107 countries. BYD Energy Storage looks forward to collaborating with you in pursuit of a cleaner and more sustainable future.

ecogeneration

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ecogeneration is the only publication in circulation which is officially endorsed by the Clean Energy Council, Australia's peak representative body for the renewable energy sector.

The publication includes a bi-monthly print magazine which has more than 20,000 subscribers, from rooftop solar installers to financiers and EPCs developing large-scale projects .



For more information, please contact:
Nick Lovering – Business Development Manager 0414 217 190
nick.lovering@primecreative.com.au

Bytewatt Technology Co Ltd

Bytewatt Technology specializes in the development of residential and commercial hybrid inverters, battery inverters, on-grid inverters, off-grid inverters, energy storage batteries, and accessories of energy storage system. As a high-tech company, Bytewatt Technology has a core team who are dedicated to covering product research and development, testing, production and sales, providing customers with one-stop digital energy solutions.

NEW

CAB Solar

CAB® Solar's revolutionary, patented Cable Management System with Integrated Grounding uses a specially engineered grounding messenger wire strong enough to provide support functionality and evaluated to be conductive enough to serve as an Equipment Grounding Conductor (EGC) and a Grounding Electrode Conductor (GEC). CAB® Solar is the solar product division of the Cambria County Association for the Blind and Handicapped in Western Pennsylvania.

NEW

CALB Group Co Ltd

CALB is a high-tech enterprise specializing in the research, production, sales, and market application development of lithium batteries, battery management systems, and related integrated products and lithium battery materials. As a global leader in new energy technology, CALB is committed to being an energy value creator, providing the most valuable power and energy storage battery product solutions and high-quality new energy lifecycle services for global outstanding automotive companies, energy storage, and special applications markets.

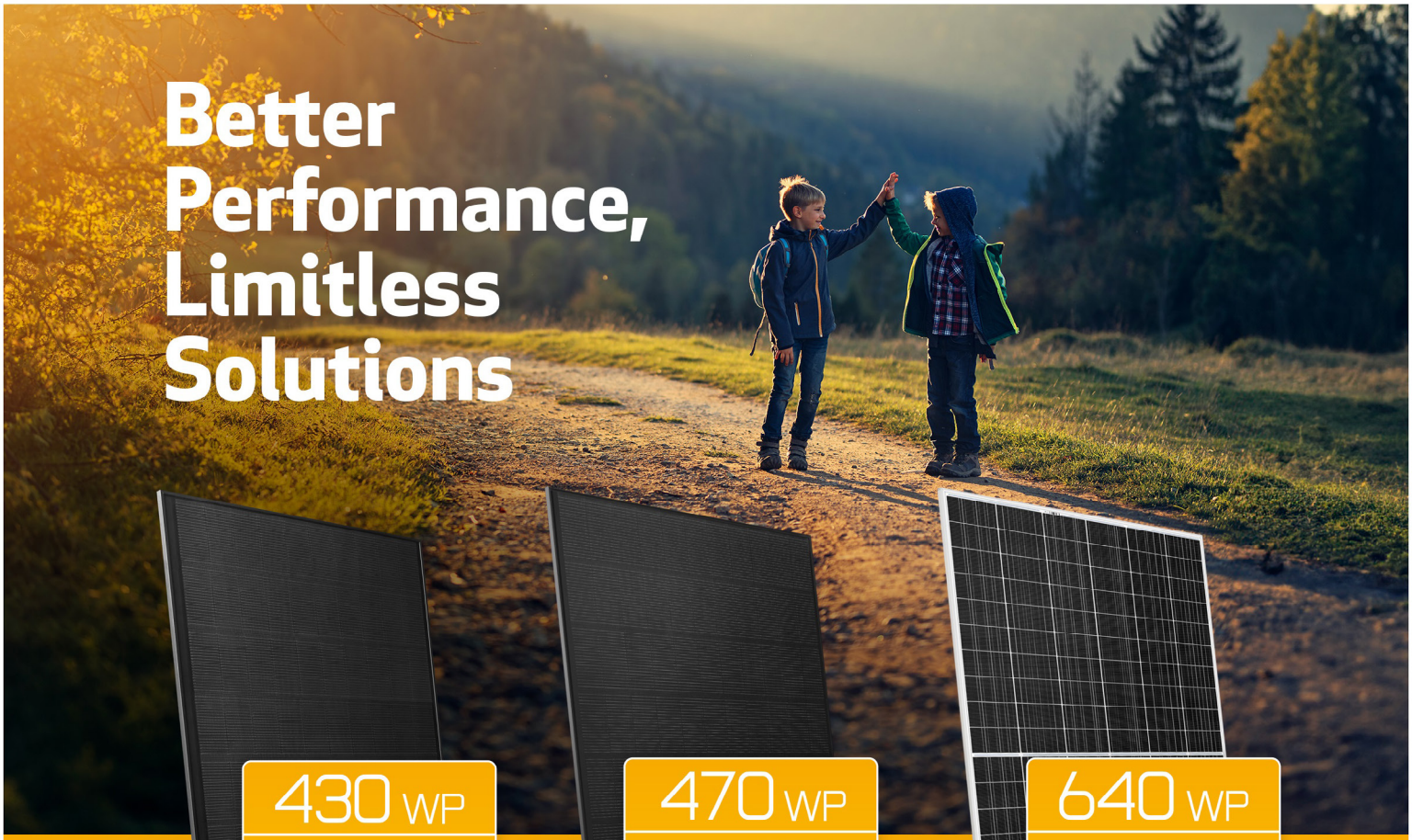
PLAY VIDEO

Canadian Solar

Canadian Solar MSS (Australia) Pty Ltd

Canadian Solar is a global energy leader with a strong presence in Australia. We offer cutting-edge 210mm-cell modules, CS6.2, including bifacial and TOPCon technologies, backed by a 25-year product warranty for residential rooftops. Beyond solar PV modules, we provide top-quality energy storage solutions with our EP Cube, KuBank, and SolBank products, perfectly complementing our panels for residential, commercial, and utility needs.

Better Performance, Limitless Solutions



ALPHA PURE-R ALPHA PURE-RX ALPHA PRO M

For REC as an innovator with more than 25 years of solar experience, Heterojuction (HJT) is a true pioneering technology and the basis for the best solar products of the future.

REC Alpha series HJT solar panels

SOLAR TECHNOLOGY OF THE FUTURE, ALREADY TODAY AT REC

VISIT REC AT

ALL-ENERGY AUSTRALIA EXHIBITION & CONFERENCE

REC

SOLAR'S MOST TRUSTED

www.recgroup.com

Catch Power

CATCH Power is an Australian manufacturer specialising in innovative products for solar installers and homeowners. Our solutions provide greater control over solar systems, aligning household usage with surplus solar and navigating complex site conditions. With our acquisition of Solar Analytics, CATCH Control customers now enjoy free access to Solar Analytics, ensuring they are always on the best energy plan.



Celme Transformers

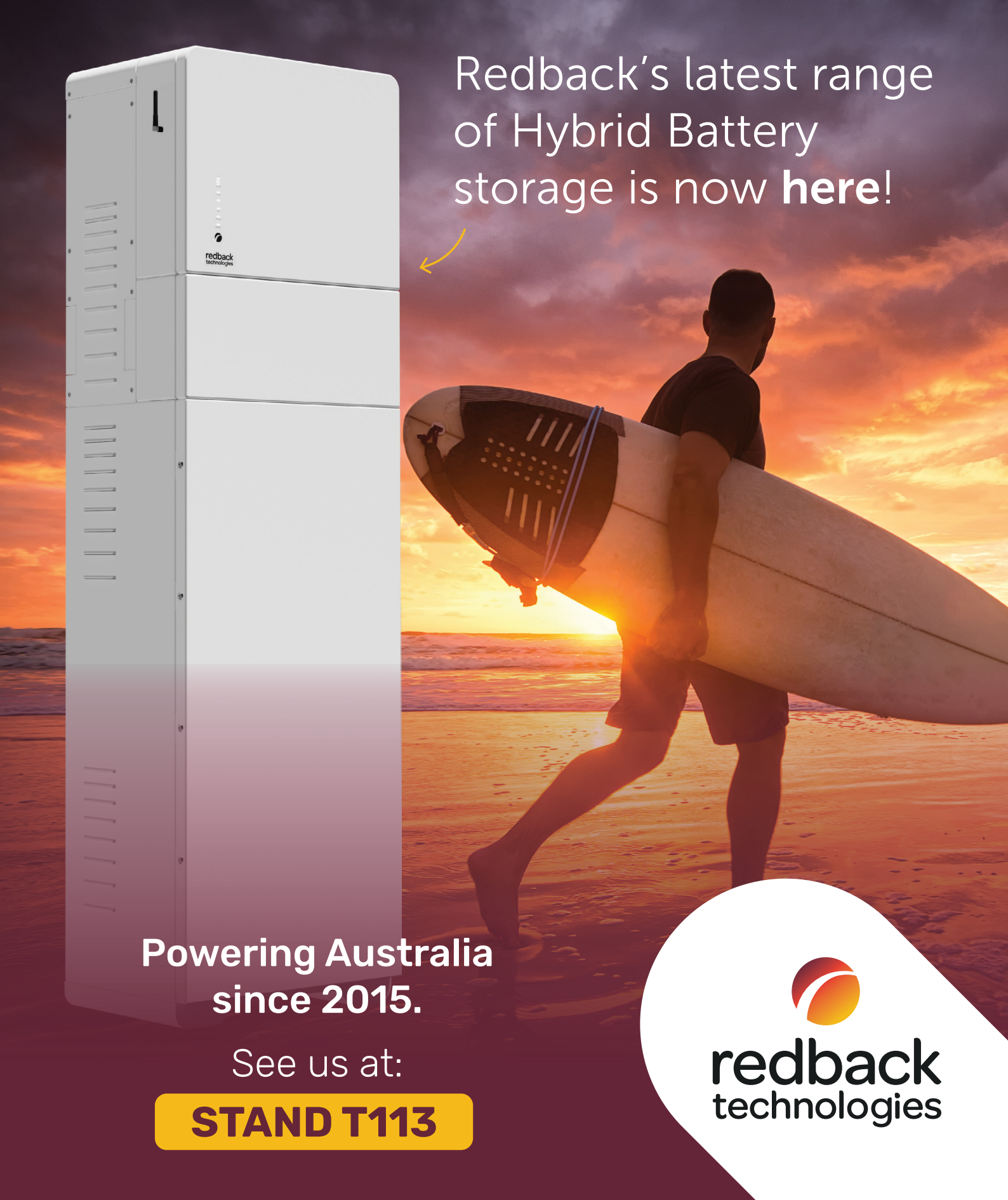
At Celme, we've pioneered the industry since 1964. With over 60 years of experience, our transformers are trusted globally, from the U.S. to Australia. We specialize in renewable energy like photovoltaic, wind, and hydrogen power, providing innovative, reliable solutions. Our expertise extends to power conversion, oil and gas, and mining sectors, ensuring safe, efficient operations. Committed to continuous improvement, our team delivers high-quality products and tailored solutions. We aim to lead in technology and sustainability, contributing to a greener world.

Cembre

CEMBRE is today an European leading manufacturer of electrical compression and identification and labelling. The CEMBRE catalogue offers a wide range of connectors and related installation tooling, cable glands, thermal transfer printers and consumables for electrical cabinets and industry. Extensive know-how, strong R&D activity and continuous innovation in manufacturing technologies and product specification, allow CEMBRE to respond quickly to an increasingly demanding market expectation for high-quality products that are reliable, durable and safe.

Changfeng Wire & Cable Co Ltd

Changfeng Group Co., Ltd was established in 1996, with total assets of $200 million and annual cable production capacity of $750 million. As a high-tech enterprise, also one of the top 10 cable manufacturers in China, we are specialized in the production of Wire and Cable, Copper Processing and Aluminum Alloy Formwork. There are more than 30 Changfeng branches all around China, 6 industrial parks and warehouses in Beijing, Tianjin, Shanghai and other cities, has a subsidiary factory in Vietnam. We have set up a global sales network by sales centers in Hong Kong and USA.


Redback's latest range of Hybrid Battery storage is now **here**!
redback technologies
Powering Australia since 2015.
See us at:
STAND T113
redback technologies

Chelion Australia Pty Ltd

The Chelion story might be new, but our team holds decades of energy experience and is committed to being a leading Energy Storage Solutions (ESS) provider. Chelion is committed to advancing the future of renewable energy by empowering our customers with quality Solar and Storage Solutions. As countries globally move away from fossil-fuel-based methods of Energy Generation and towards a 'carbon neutral' future, we strongly believe that energy storage, solar energy generation and wind will become the main sources of clean, renewable energy.

Chengdu Tecloman Energy Storage Technology Co Ltd

Tecloman is dedicated to flawlessly integrating energy storage technology into various application scenarios, continuously innovating, and enhancing product solutions. The Company provides top tier energy storage system solutions for multiple sectors, including residential hybrid storage, next generation IDC power, mining and petroleum systems, mobile emergency energy storage vehicles, distribution network management, and DC microgrid solutions, all of which hold leading positions domestically.

Chint Global Australia

With 40 years of global experience and the industry's best engineers and research scientists, CHINT partners businesses, governments and communities to reimagine smart energy solutions with next-generation innovations to Empower the World. We offer Power-to-Plug solutions that propel organizations across US, Europe, West Asia, Africa, and Asia Pacific to succeed while meeting their business, environmental and social goals. Operating in 140+ countries and regions, CHINT specializes in low-voltage systems, power transmission, water, gas and electricity metering, green energy and more.

Clean Energy Council

The Clean Energy Council is the peak body for the renewable energy and storage industry in Australia. We represent around 1,000 businesses working in all aspects of clean energy including rooftop solar and home batteries. We also manage industry compliance and education programs to help raise standards in the industry, including the Product Assurance and New Energy Tech Consumer Code (NETCC) programs and our LearnLAB platform. Visit us at stand Q109 to find out more about Clean Energy Council membership and have your questions on industry programs answered.

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RENEW ECONOMY

CLEAN ENERGY NEWS & ANALYSIS

Reporting the future of energy,

Independently.

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Clean Energy Regulator

The Clean Energy Regulator administers the Australian Government's schemes for measuring, managing, reducing or offsetting Australia's carbon emissions. We have an important role in managing the integrity of the renewable energy industry and encouraging carbon emission reductions. This is managed through existing and new schemes including the Small-scale Renewable Energy Scheme (SRES), Large-scale Renewable Energy Target and the Guarantee of Origin (GO).

Clean Energy Solar

NEW

Clean Energy Solar's carport system is intelligent, stylish, eco-friendly, and sustainable. We offer a complete smart energy ecosystem for our carports combining PV, storage, backup and EV charging to maximise energy efficiency and savings. Park with us and contribute to a sustainable future.

CLENERGY

Clenergy Australia

Clenergy is an enabler for governments, the public sector & enterprises seeking carbon neutrality. Founded in Melbourne, Australia 15 years ago, with offices and factories across China, Japan, the Philippines, Thailand, and Germany. PVezRack® has been servicing the solar industry with its products now sold across 30 countries. We have a culture of open innovation, excellence through quality and being service focused. RUNNUR is the latest product line, for the building industry, built for optimal functionality, and aesthetically brilliant projects using cable management.

ComAp

We design and deliver smart control solutions for power generation and energy management that empower the world's transition to sustainable energy. By combining our expertise, innovative mindset and new technologies, we build highly flexible, intuitive and scalable solutions that support our customer's power control needs anytime, anywhere.

PLAY VIDEO

risen

HJT CHOOSE RISEN ENERGY

Higher Return, Lower Carbon Emission

CFP < **376.5kg eq CO_2/kWc**

All Energy Expo: **MM113**

CONTACT US



www.risenenergy.com

Contemporary Amperex Technology Co Limited

Contemporary Amperex Technology Co., Limited (CATL) is a global leader in new energy innovative technologies, committed to providing premier solutions and services for new energy applications worldwide. CATL's goal is to achieve fossil fuel replacement in stationary and mobile energy systems with highly efficient electrical power systems that are composed of advanced batteries and renewable energies, as well as promote the integrated innovation of market applications through electrification and intelligentization.

Cornex New Energy Co Ltd

As a globally-oriented new energy company devoted to the innovation of the lithium-ion battery technology, Cornex New Energy Co Ltd ("Cornex") focuses on the R&D, manufacturing and sales of EV batteries, new energy battery systems for electrochemical energy storage, new energy passenger vehicles and commercial vehicles, and is committed to providing the world-class solutions, products and services for new energy applications worldwide. With the headquarter based in Wuhan China, Cornex promotes the innovation of materials, structures and manufacturing technologies.

CRRC Times Electric Co Ltd

CRRC Times Electric Co., Ltd (CRRC TEC) is a leading company in the field of electrified transportation and renewable energy solutions. At the All Energy Exhibition, CRRC TEC will showcase its cutting-edge technologies and innovative solutions designed to address the growing demands for sustainable and efficient energy systems. Our portfolio includes advanced green hydrogen production technologies, smart grid solutions, high-efficiency energy storage systems, and intelligent transportation solutions. CRRC TEC is committed to reducing carbon emissions and promoting the adoption of clean energy.

NEW

Danyang Winpower Wire & Cable MFG Co Ltd

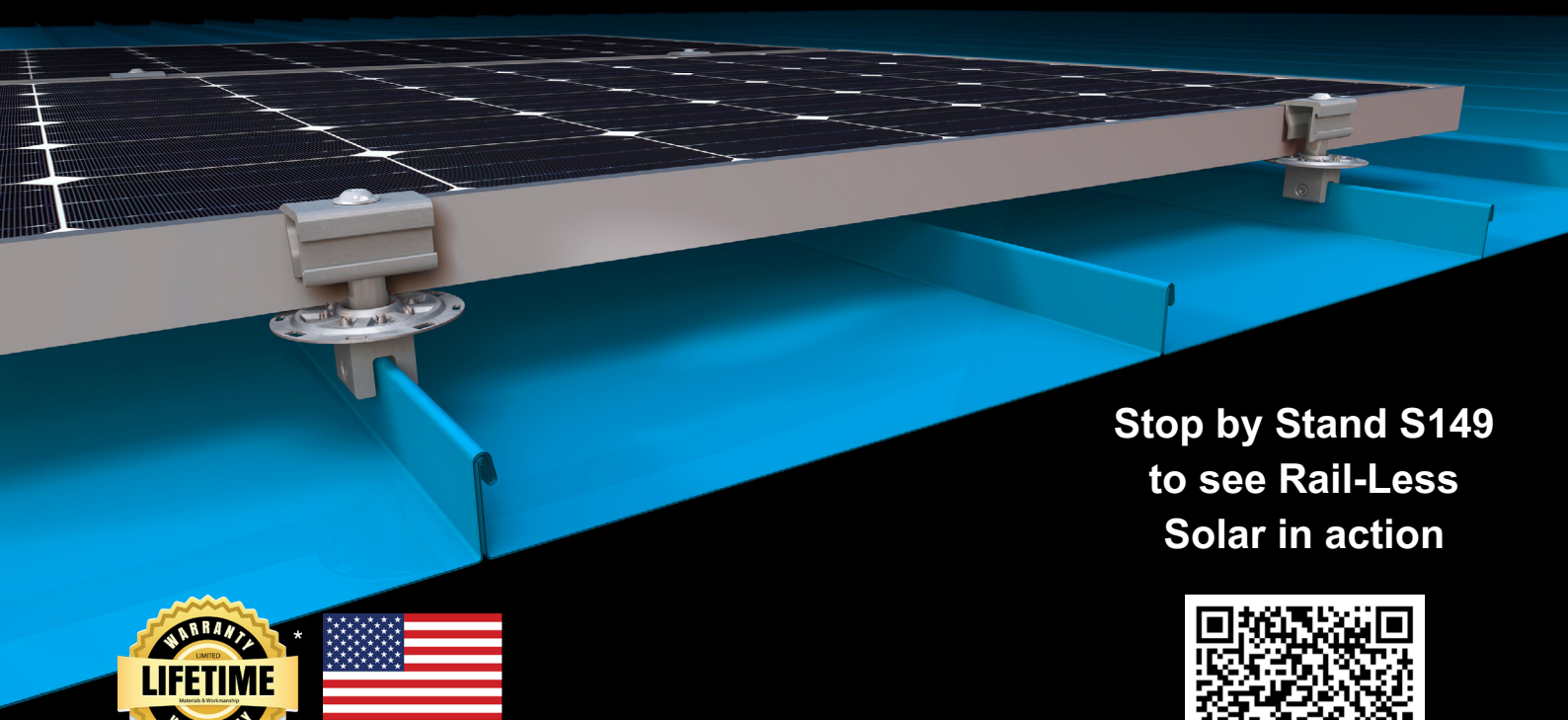
The company mainly trades in high-quality new energy cables, cables for battery storage systems, TUV solar cable, EV cables, UL hook up wires, CCC wires, automotive wires, motor lead wire, cross-linked wires, VDE power supply cords and other customized wires and cables. As a company with the right to operate import and export trade, we have exported various products to many countries and regions in Asia, Europe, Africa and America. Some international enterprises even establish long-term strategic cooperation relationships with us.

NEW

Rail-Less Solar Fixings

For Metal Roofs

The Right Way



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MADE IN USA

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- **Lighten the load with 85% less weight**
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S-5!® The Right Way

DAS Solar Co Ltd

Founded in August 2018, DAS Solar Co Ltd is a national high-tech enterprise that specializes in the research and development, manufacturing, and sales of high-efficiency solar cells, photovoltaic modules, and system applications. Additionally, DAS Solar is involved in the investment, construction, and operation of power stations, which meet the "Photovoltaic Manufacturing Industry Specification Conditions" of the Ministry of Industry and Information Technology and recognized as a "Future Factory" and a "Specialized, Refined, Unique, and Innovative" enterprise in Zhejiang Province.

DBS Cooling Technology (Suzhou) Co Ltd

DBS Cooling Technology (Suzhou) Co., Ltd, founded in 2015, is a pioneer in innovative, customized cooling solutions for telecom, electricity, renewable energy & medical industries. Customization as the core, we provide best tailor solutions to clients' unique needs. Integrating customer insights into design ensures every product, air conditioners, heat exchangers, combo systems, hex cores etc, perfectly fits its application. Our diverse product line & expertise in customization set us apart. We strive to delivering reliable, efficient & personalized solutions for a greener, sustainable future.

NEW

Delta Electronics (Australia) Pty Ltd

Delta Electronics (Australia) Pty Ltd is a subsidiary of Delta Electronics Inc. a global provider of power and thermal management products and solutions. Delta's business categories include Power Electronics, Automation, and Infrastructure. Delta Australia is rapidly expanding into solutions for Renewable Energy Solutions (Solar Inverters), Industrial Automation, Power Quality, Display and Control Room, Mission Critical Infrastructure, Electric Vehicle Charging and Energy Storage.

Deutz Australia

DEUTZ is one of the world's leading manufacturers of innovative drive systems. We are also a major supplier of gensets, developed to thrive in the harshest climate conditions. We're bringing our newest product Battery Energy Storage System, or BESS to All Energy Australia. It consists of rechargeable batteries that, when needed, can store energy from your existing diesel genset and renewable sources such as solar or wind and release energy on demand.

NEW

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Saft

comprehensiv energy storage system

A complete lifecycle solution

- Full system responsibility from design to implementation
- Project and interface management in one hand
- Unique safety concept, UL / IEC certified
- Guaranteed system performance

TotalEnergies

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Tel: +61 2 9674 0701

DMEGC Solar

Founded in 1980, DMEGC Solar is committed to be the world's leading renewable energy company, possessing five manufacturing bases with an annual capacity of 14 GW cells and 12 GW modules, and cumulative shipments are over 30 GW. With industry leading technology R&D, manufacturing technologies, quality management and service, DMEGC Solar provides high efficiency and reliable PV products and all application solutions for global customers.

Dynamic Cables Limited

Welcome to Dynamic Cables, one of the leading cable manufacturers in India, serving the energy and power sector both locally and abroad for over three decades! Situated in the heart of Rajasthan, our organization is inspired by a philosophy of product excellence, customer satisfaction, and technological advancement.

NEW

Early Warning Network

Early Warning Network (EWN) are leaders in solar farm protection in Australia, specialising in severe weather forecasting and alerting. We use world-leading technology to mitigate risks associated with extreme weather events. Our renewable energy weather solutions meet the unique needs of the sector in Australia, including innovative hail protection. Partnering with Tomorrow.io and more, EWN provides businesses with real-time data and actionable insights to enhance safety, reduce operational disruptions, and optimise renewable energy operations, ensuring resilience against climate challenges.

NEW

PLAY VIDEO

eCactus Pty Ltd

ECACTUS, the residential BESS (Battery Energy Storage System) brand of Weiheng Group, is one of the world's leading and fastest-growing suppliers of integrated battery energy storage systems. We design, manufacture, deploy, and service power storage solutions for utility-scale, industrial and commercial (C&I), and residential applications. Supported by industry leaders like CATL, Reorient, Inovance, and JST, we leverage 16 years of dedicated R&D to stay at the forefront of energy storage innovation.

NEW

PLAY VIDEO



Welcome to the future of the New Energy Landscape!

The New Energy Landscape represents the outcome of the global shift toward renewable energy sources, which is crucial to fight climate change.

Discover how Schneider Electric empowers energy independence for today's challenges and join the movement towards decarbonisation, with our Microgrid and eMobility solutions:

EcoStruxture for Microgrid allows you to generate electricity onsite, use it when needed, sell excess power back to the main grid, or even become independent of the local utility.

se.com/au/microgrids

EcoStruxture for eMobility provides end-to-end electric vehicle charging solutions to facilitate efficient, resilient, and sustainable transportation.

se.com/au/emobility

Life Is On | Schneider Electric

ECOPROGETTI srl

Rooted in Italy, ECOPROGETTI Srl brings over 25 years of specialized expertise in the photovoltaic industry. We are dedicated to designing, developing, and delivering efficient equipment and comprehensive solutions for assembling state-of-the-art photovoltaic panels. Upholding a tradition of quality and innovation, all our machines are thoughtfully crafted at our Italian headquarters, reflecting the integrity and excellence of in-house production. We are proud to contribute to the global photovoltaic industry as a respected European specialist of the photovoltaic process.



EEC – The Energy Efficiency Council

The EEC is the peak body for Australia's energy management sector. A not-for-profit membership association, the EEC works to drive world-leading policy on efficiency, electrification and demand flexibility, ensure we have the skilled workforce to deliver Australia's energy transition and support business and households to decarbonise.



Electric Vehicle Council

We are the national body representing the electric vehicle industry in Australia. Representing members from across the value chain of the electric vehicle sector, the EVC is a trusted advisor and advocate to governments and decision makers across Australia. Our mission is to drive investment and awareness to accelerate the electrification of transport, for a more sustainable and prosperous Australia. As the market is emerging in Australia, our work is particularly aimed at increasing certainty for investment through policy, knowledge sharing and education.



Elpower

Come and visit us at our stand.



www.goldencellbattery.com

GOLDENCELL BATTERY

Established in 2008, Shandong Goldencell Electronics Technology Co., Ltd is a leading Lithium-ion battery manufacturer which integrates R&D, manufacturing, sales and services of LFP/NCM cells and batteries into one place. With increasing growth and proven success in the past 10+ years, Goldencell is now specialized in providing customized high-end Lithium-ion battery products and solutions to professional customers worldwide. Concentrating on building up technological strength, Goldencell has developed and possessed numerous intelligent properties in cathode materials, cells, PACK and other sectors along the whole value chain of Lithium ion battery.

2008
Established in

600 +
Patents

100 +
R&D Engineers

8
Subsidiaries


JGNE
JGNE
JGNE

Emerald

Emerald and Creditex work closely with government agencies to ensure our products are at the forefront of energy-efficient technology and aligned to the benchmarks set by Government energy-efficiency schemes across Australia. Our hot water heat pumps attract generous certificate rebates and feature the latest Wi-Fi technology for smarter control.

Energie Group

Energie Group, founded nearly three decades ago, capitalised on the rapid growth of the solar water heater industry after a fifteen-year apprenticeship. We formed strategic alliances with top international manufacturers and designed solar hot water and heat pump systems tailored to Australian conditions. Our strategic alliances and the Enviroheat brand have positioned us as leaders in energy-efficient solutions. With offices nationwide, warehouse facilities in Perth and Melbourne, and a national installation network, we are poised for future growth.

NEW

PLAY VIDEO

Energy Dome

Energy Dome is at the forefront of redefining LDES with its CO2 Battery. This is the only technology available today offering the right combination of efficiency, cost, scalability and that's viable globally. With a modular approach and site-independent footprint, CO2 Batteries use readily available, off-the-shelf components from reliable, existing supply chains, providing a scalable pathway to store massive amounts of intermittent renewable energy and accelerate the energy transition.

NEW

PLAY VIDEO

EnergyLab

EnergyLab is Australia's largest climate tech startup accelerator and innovation network dedicated to reaching net zero emissions. With nearly 200 alumni supported through its programs and an ecosystem of 400+ mentors, 200+ angels, and dedicated industry partners, EnergyLab connects talented founders to the mentors, advisors, partners, peers and investors they need to succeed.

GROWATT

SMART ENERGY FOR A GREEN FUTURE

To enable everyone to benefit from sustainable energy

Reliability Sustainability All-Scenario Solutions



Growatt New Energy

Growatt New Energy Australia Pty Ltd
au.growatt.com australia@ginverter.com
1800 476 928

Enerven Energy

Enerven delivers electrical infrastructure and telecommunications solutions that connect communities. Our design, construction and maintenance services support power generation, transmission and distribution to homes and businesses nationwide.

NEW

PLAY VIDEO

Enphase Energy Australia Pty Ltd

Enphase Energy, a global energy technology company based in Silicon Valley, is the world's leading supplier of microinverter-based solar and battery systems that enable people to harness the sun to make, use, save, and sell their own power—and control it all with a smart mobile app. Enphase has shipped approximately 75 million microinverters, and approximately 4.1 million Enphase-based systems have been deployed in more than 150 countries. Enphase Australia is based in South Melbourne, Victoria, with representatives nationwide.

PLAY VIDEO

Envision Energy

Come and visit us at our stand.

NEW

EOS Energy Storage

Eos is accelerating the shift to clean energy with zinc-powered energy storage solutions. Safe, simple, durable, flexible, and available, our commercially-proven, U.S.-manufactured battery technology overcomes the limitations of conventional lithium-ion in 3 to 12 hour intraday applications. It's how, at Eos, we're putting ingenuity to work every day to create a positive future for everyone.

NEW

KSTAR

Powering the Future

Generating Superior Solutions for Energy and More.

180+
Countries & Regions

50GW
PV Installation

30+
Years History



Booth No :
J139

www.kstar.com www.kstar.eu

ESI Asia Pacific

ESI Asia Pacific is a Queensland-based, 100% Australian-owned company that provides reliable and environmentally friendly renewable energy storage solutions that are essential for Australia's transition to a renewable energy future. ESI's iron flow batteries, based on ESS' (NYSE:GWH) technology, have a 8 to 12-hour storage capacity and lifecycle of 25 years. Our iron flow batteries are completely sustainable and 100 per cent recyclable, and the environmentally friendly electrolyte means that the product is suited to remote locations such as the National Parks and the Great Barrier Reef.

EVE Energy Storage Co Ltd

Established in 2001, EVE Energy Co., Ltd. (hereinafter referred to as EVE) was first listed on Shenzhen GEM in 2009. After 23 years of rapid development, EVE is now a global lithium battery company which possesses core technologies and solutions for consumer batteries, power batteries and energy storage batteries.

Evnex

We design, build, and install smart electric vehicle charging systems. Our New Zealand-built chargers and software shift charging to times when the grid is cleanest and cheapest—reducing the impact on our customer's wallets and the environment.

Evo Power Pty Ltd

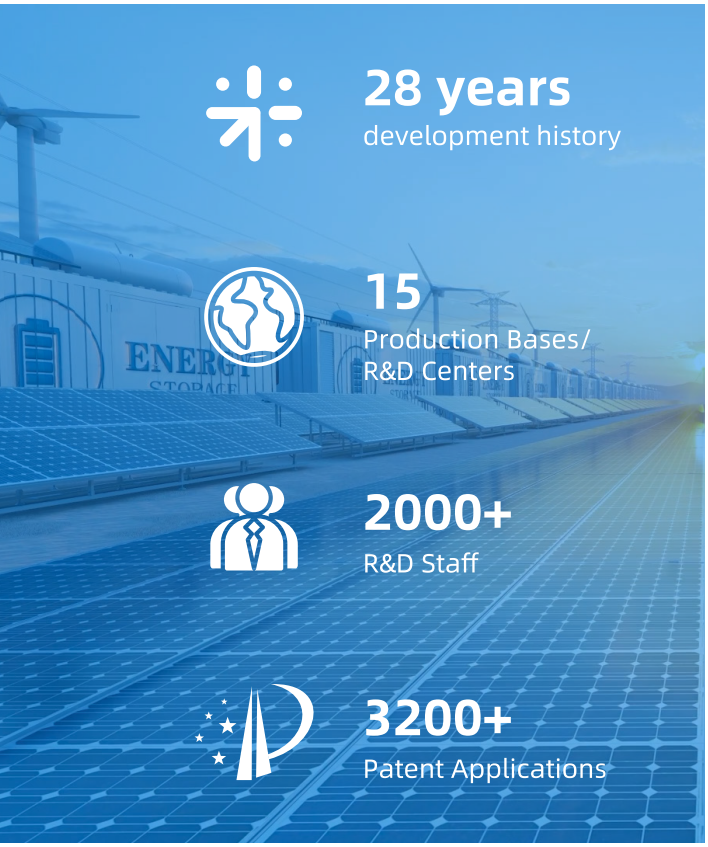
EVO Power specializes in advanced energy storage solutions, providing innovative Battery Energy Storage Systems (BESS) and integrated software for market trading and grid services. Our turnkey solutions offer high returns on investment, delivering both financial benefits and long-term value. We empower Commercial & Utility Enterprises and Government Organizations to adopt sustainable practices and reduce carbon footprints. Leading the renewable energy transition, EVO Power delivers reliable, efficient, and scalable energy storage technologies for a sustainable future.

Stock Code 002139.SZ

TOPBAND

CO-INNOVATING A SMARTER FUTURE

BUILDING A MORE INTELLIGENT AND LOW-CARBON WORLD



Founded in 1996, after about 30 years of rapid development, TOPBAND's main business is the research and development, production and sales of intelligent control system solutions for industries such as home appliances, power tools, new energy and industrial automation.

At present, TOPBAND has built a product network of "1Cell 1Cloud 3S" (Cell, Cloud Platform, BMS, PCS, EMS), with a holistic offering of core components, end products and system solutions in commercial, industrial, residential and portable energy storage. TOPBAND has robust technology capabilities to provide customized energy management solutions that help increase energy usage efficiency and promote the revolution of energy structure in various application scenarios. We expect to connect with more customers and partners to empower a smart society and shape a sustainable and intelligent world for the benefit of all.

Web:www.topband.com

Tel: +86 (0)755-2765 1888

Email:topband@topband.com.cn

Stock code: 002139.SZ

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VV113

EVOS Energy Pty Ltd

At EVOS, it's our vision to be a global leader in EV energy solutions. By bringing together innovative and smart technology in electric vehicle charging hardware and cloud software, we can help achieve green energy efficiency. Our goal is to be a part of accelerating the uptake of zero emission fleets which play a critical role in creating a healthier planet.

NEW



EVSE

We are an end-to-end EV charging solutions provider for homes, businesses and Governments. As the foremost one-stop shop for EV needs in Australia and New Zealand, we offer the largest range of charging products (including AC and DC) and specialise in designing and delivering complex EV installations. We aim to streamline and simplify the electric vehicle charging experience, making it effortless and accessible for everyone.

NEW



Exide Technologies

Come and visit us at our stand.



Experience Knowledge Strategy SL (EKS Energy)

With our Experience and Knowledge we create long term strategies that influence the world´s energy transformation. We design, build and commission own HW and SW solutions for the integration of renewable power plant and ESS, ensuring the success and profitability of our clients' projects.



Power Your Home with Sigenergy

SigenStor

the world's first highly integrated **5-in-One** energy storage system



Felicity New Energy Co Ltd

As a high-tech company in photovoltaic energy storage, FelicityESS offers eco-friendly, smart, sustainable energy storage solutions aimed at delivering high-value and quality clean energy to upscale households and business clients. FelicityESS has expanded its range to include advanced residential and commercial energy storage products such as off-grid and on-grid inverters, integrated storage systems, and EV charging stations. FelicityESS continues its dedication to R&D and innovation, striving to provide safer, more reliable, and eco-friendlier clean energy products and services globally.

NEW

Fischer Australis

Come and visit us at our stand.

Formbay

Formbay offers a digital platform for managing STC applications with features like same-day payments, multiple user accounts, e-signatures, and a free installer app. By year-end, Formbay will introduce VEECs and ESCs claims, NSW Battery scheme participation and a digital documentation platform.

FoxESS Co Ltd

Founded in 2019, Fox ESS is specialized in the R&D, production and sales of energy storage inverters and battery systems, provides advanced distributed energy, energy storage products and smart energy management solutions for residential, industrial and commercial enterprises, and aims to help customers manage the whole process of new energy power generation, power storage and power consumption more efficiently, thus improving energy utilization and reducing power consumption.


SMA
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Managing
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to save
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Fractal EMS

Fractal EMS is a fully vertical controls platform that includes software, controllers, integration and analytics (with optional monitoring, maintenance and bid optimization). Fractal EMS provides full command, control, monitoring and management for a single asset or fleet of assets (located anywhere in the world). Fractal EMS was designed by experienced operators to maximize safety and profitability of storage and hybrid systems.

NEW

FranklinWH Technologies Co Ltd

FranklinWH, founded in 2019, is a research-driven company focused on next-generation residential energy management solutions. Our system design is intended to make the lives of homeowners and the work of installers significantly easier through well-designed systems that provide advanced energy management.

Fronius Australia Pty Ltd

At Fronius Solar Energy, it has been our belief for 30 years that renewable energy is the key to an energy transition that benefits people as well as the environment. We make solar energy usable around the clock and independent of the season, because the power of the sun is there for everyone. To achieve this, we network and control energy generation and consumption digitally, because greater efficiency means greater sustainability.

PLAY VIDEO

Fukuoka Prefecture Hydrogen Green Growth Strategy Conference

Fukuoka prefecture has formulated the "Fukuoka Prefecture Hydrogen Green Growth Strategy" to link environmental measures to economic growth and decarbonize the entire society, including the industrial sector. Based on this new strategy, the "Fukuoka Prefecture Hydrogen Green Growth Strategy Council" will work to achieve "green growth" that creates a virtuous cycle between the environment and the economy, with three pillars: 1) innovation in hydrogen production and supply, 2) expansion of hydrogen use, and 3) clustering of hydrogen-related industries.

NEW

SOFAR

ALL-IN-ONE

Residential Energy Storage System

BOOTH JJ113

SIMPLICITY SAFETY FLEXIBILITY SMARTNESS



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SOFARSOLAR.COM

PowerAll (Single Phase)
ESI 3-6K-S1+BTS 5K

PowerAll (Three Phase)
ESI 5-12K-T1+BTS 5K

Gain Solar (Wuxi) Technology Co Ltd

Baoding Jiasheng Photovoltaic Technology Co., Ltd (Hereby Gain solar). Founded in 2007, Gain Solar has the professional building-integrated photovoltaic (BIPV) & solar roof solution R&D Lab and the whole production industry in China. It has around 23 patents, 17 industrial standards to leading the world, we can also provide a one-stop service for consulting, design, construction and operation for the global market.

NEW

GameChange Solar

GameChange Solar is driven by its mission to repower the planet with clean solar energy. We are focused on delivering the best value to our customers in terms of LCOE, including the product cost, the installation cost, long-term operations, and maximizing energy production. We have delivered over 32 GW of solar tracker and fixed tilt systems that combine fast installation, bankable quality, and unbeatable value through superior engineering, innovative design, and high-volume manufacturing. We have 55 GW of global available production capacity for key systems.

PLAY VIDEO

Gamesa Electric

Gamesa Electric is a worldwide leader in the design and manufacturing of electrical equipment sector for such markets as photovoltaics, energy storage, wind power applications, hydroelectric energy, nuclear power, electric tractions and marine propulsion. Over 40 years of experience and in-house technological developments in power electronics have made Gamesa Electric a pioneer in this market. In the photovoltaic sector, the company has installed more than 6 GW of inverters for large-scale PV plants worldwide.

PLAY VIDEO

GCL System Integration Technology Co Ltd

GCL System Integration Technology Co. Ltd (002506 Shenzhen Stock) (GCLSI) is part of the GOLDEN CONCORD Group (GCL), an international energy conglomerate specializing in clean and sustainable energy. GCL ranked second in the world's new energy Top500 2020. With a vertically integrated value chain operation, GCLSI has proven track record of capability and expertise in delivering state-of-the-art solar package solutions incorporating design-product-service.

NEW

Sol Distribution

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Personalised Experience in CELLing The Sun

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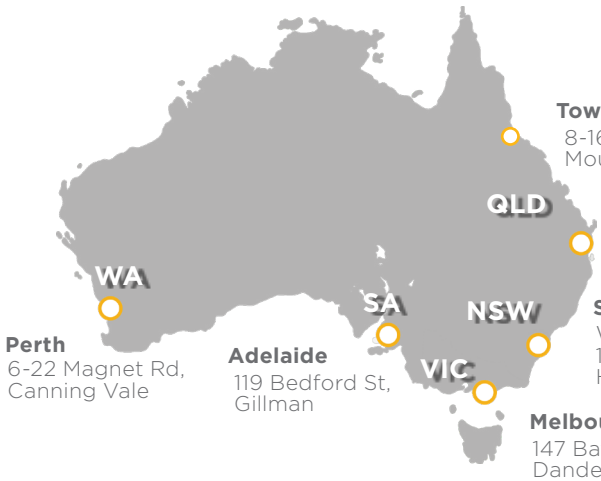
Browse all range of products available at www.sol-distribution.com.au

Warehouse Locations



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Mount St John

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100 Metroplex Pl,
Wacol

Sydney
Warehouse 2,
1 Latitude Road,
Horsley Park

Perth
6-22 Magnet Rd,
Canning Vale

Adelaide
119 Bedford St,
Gillman

Melbourne
147 Bayliss Road,
Dandenong South

CONTACT US
1300 660 483

GELPAG Advanced Technology GmbH

Gelpag is a world leader in advanced technologies and hardware for the power distribution and renewable energy sectors. With sustainable design at the heart of our solutions, Gelpag strives to achieve stability and reliability with precision. Unlocking new ways to generate, manage, analyse, and distribute clean renewable energy. Providing dynamic real time tools in an ever evolving digitized ecosystem allows our clients access to new economic opportunities in maximizing revenue.

NEW



GivEnergy Australia Pty Ltd

GivEnergy offers high performance and cost-effective energy storage systems for your home. Learn how to run your property on battery power, switch to off-peak grid rates, and take advantage of smart grid trading with our premium All in One, Hybrid and 3-Phase home battery solutions.



GNW Power Australia Pty Ltd

GNW Power is dedicated to revolutionizing energy solutions with innovative technologies for a sustainable future. Our vision is to "Green a New World". We provide the safest designed Home and Portable energy storage system for community, family, and individuals to support their green lifestyle and save the earth. Transforming the landscape of energy generation, usage, and storage. In an era where energy costs are skyrocketing and governments globally are embracing renewables as the definitive answer, we are your trusted partner in this transformative odyssey.



Gokin Solar Co Ltd

Gokin Solar was established in 2019. It has built three major business sectors: monocrystalline silicon ingots/wafers, photovoltaic modules, and power farms, and exports photovoltaic green products and solutions to the global market. Gokin Solar has established four major production bases and five power farms, with its business centre located in Jiangsu. At present, the business has expanded to 13 countries and regions including the United States, Germany, Italy, and Malaysia.

NEW




SOLARJUICE
Powering *All* with Complete *Energy* Solutions
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Trinasolar
AIKO
SMA
SCHLETTER
POWERWALL
Fronius
ENPHASE
SUNGROW
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GOODWE
Smart Energy Innovator

GoodWe Technologies Co Ltd

GoodWe offers a wide range of inverters, spanning from 0.7kW to 350kW, catering to various solar system sizes and applications. With a long-standing and strong presence in the solar market, GoodWe's PV inverters have been installed in over 100 countries, with a cumulative installation of 52 GW.

Gotion High-Tech Co Ltd

Established in May 2006, Gotion is one of the earliest enterprises engaged in the independent research, development and production of new energy batteries in China, one of the earliest battery enterprises to enter China's capital market, and the earliest Chinese battery enterprise to be listed in Switzerland. It builds four business regions in China, Asia-Pacific, America and Europe-Africa, as well as ten overseas bases covering battery materials, cells and packs. It is one of the very few battery companies in the world that has manufacturing capability in the whole industrial chain.

NEW

Grace Solar Technology Pty Ltd

Grace Solar has the top 5 global market share and Japan's top 1 market share. The global cumulative installed capacity is 33GW. Hundreds of MW projects have been successfully installed in more than 100 countries and regions, including Japan, the United States, Australia, Europe, the Middle East and Africa, and Southeast Asia. Product Line: GS-Light intelligent tracking system, GS-Smart ground mounting system, and GS-Energy roof mounting system. Certificates: AS/NZS1170, JIS, UL, TUV, CE, MCS, ISO, Wind Tunnel Test Report and more.

Green Energy Group

Green Energy Group is a group of companies with over 15 years of expertise in the renewable energy sector. Our group includes Green Energy Trading and the National Carbon Bank of Australia (NCBA), which are recognized as the most reliable options for certificate creation in Australia. We are committed to driving the transition to sustainable energy by providing transparent, innovative, and effective solutions. Our collective experience and unified approach ensure that our clients receive the best possible service in achieving their renewable and energy efficient goals.

Plug into Victoria's

Renewable Energy Future









Make the connection at **stand M123** or visit **energy.vic.gov.au**

Solar Victoria

VICTORIA State Government

Green Ess Pty Ltd

At Green Ess, we are driven by a deep commitment to shaping a greener future through the continuous research and development of innovative green and clean energy products. We firmly believe that green energy holds the key to sustainable development, and we are excited about the increasing integration of household and outdoor electricity. Our Slogan "Bringing Solar Power to Every Corner of Your Life" really speaks to what we're all about, it's about offering our customer the freedom and flexibility to use solar power wherever life takes you.

NEW

Greenbank Environmental

About Greenbank – the Knowledge Bank! Greenbank has been creating and trading environmental credits since 2003 and it is what we do best! Our team is equipped to process and register environmental credits under the various state and federal schemes as well as the voluntary offset market. Let us make your decision to trade your certificates as streamlined, stress free and as easy as possible.

Greenbox Solutions Pty Ltd

Greenbox Solutions was founded in 2016 with a strong focus to provide engineering solutions related to renewable engineering systems. We are specialized in designing and customizing grid protection boards for commercial solar systems. Through collaborating with industry leaders, qualified and experienced engineers, we work on avant-garde solutions to cater our clients' needs.

GREENTECH

Greentech is a collective of renewable energy specialists ready to assist with your next project. Our accredited Greentech stores stock the world's leading brands of photovoltaic panels, inverters, mounting systems and balance of system items including solar cables, connectors, isolators and mounting accessories. Our charter is to service the renewables industry with a true "one stop shop" for the installer by bringing the same traditional values we have always provided. Visit our website to find your local Greentech store.

solaredge

EXPERIENCE OPTIMISED ENERGY. EVERYWHERE.

Booth #Q131



grenke Australia

grenke offers tailored financing solutions for sustainable investments. Whether you're upgrading your own operations or providing green solutions to customers, we provide options to make eco-friendly choices affordable. We help businesses lease technologies like e-mobility, solar power, and energy-efficient equipment. Talk to us about driving your business forward with our innovative leasing solutions.

NEW



Gridcog – See your energy future clearly

Gridcog is a global energy tech company on a mission to accelerate the world's transition to net-zero by objectively informing new energy investment decisions. We provide comprehensive software that shows your team the most effective way to develop and run your prospective new energy project. Confidence comes from clarity, so no matter the complexity – whether it's multi-region, multi-site, multi-asset, multi-participant or all the above – Gridcog can accurately simulate your own real-world, multivariate energy reality to objectively inform decision-making and increase certainty.

NEW



Guangdong Hongxin Electric Technology Co Ltd

Hongxin Electric is a charging company. Hongxin set its mission in enabling its partners to succeed in the market by proper product and service. With a team of more than 200 engineers in the development, Hongxin provides to the market a comprehensive product family in EV charging, E-scooter charging, marine application charging, and special industrial charging. With its customs design capability, Hongxin provides to the market both standard charging solution as well as customized charging solution. Hongxin designs and produces the core charging control unit.

NEW



Haier

NAHUI New Energy Technology is a new energy platform company 100% controlled by Haier Group, it includes three major industries: photovoltaic, energy storage and smart energy controller, which creates a comprehensive service platform for new energy industry solutions with a market value of hundreds of billions of dollars. The photovoltaic industry starts from the market end to carry out investment and development, design and construction, operation and maintenance services for scenarios such as photovoltaic, industrial and commercial, public buildings, and ground power stations.

NEW



Join us at All-Energy Australia

Discover Solplanet's Total Solution

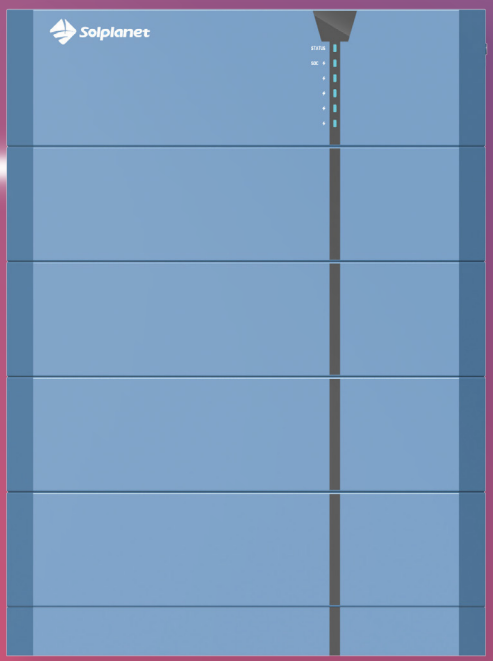
EV charger



Three phase hybrid inverter



High voltage battery



Visit our dedicated local support team at Stand L131

solplanet.net/au

Hanersun Energy Co Ltd

Hanersun is a world-leading energy technology company, with a business scope from the R&D and manufacturing of solar modules, energy storage products, to energy solutions. By focusing on high-efficiency technologies, it is one of the first to launch solar module of 600W+ and 700W+ in the industry.

Hebei Tianyi Electric Appliance Co Ltd

Hebei Tianyi Electric Appliance Co.,Ltd was founded in 2001, we are a large-scaled manufacturer integrating in lead acid battery manufacturing and research, lithium ion battery manufacturing and research, after-sales service and import & export business. With the development of more than 20 years, we currently have more than 400 employees with 25 technical personnel, 48 quality inspectors, and we own 9 advanced environment- friendly battery production lines.

NEW

Hefei Ecolite Energy Co Ltd

Come and visit us at our stand.

NEW

HelioScope by Aurora Solar

HelioScope is the C&I solar design and sales software that is accurate, fast, and easy. Our powerful, yet easy-to-use, design tools allow C&I developers and installers to quickly create designs and production reports that are accurate within 1% of PVsyst. Visit us to learn how you can scale your business with HelioScope, the market leader in C&I solar design and sales.

100 YRS
1924–2024



STIEBEL ELTRON

Standards over shortcuts

50 years of heat pumps

Pioneering heat pump technology for 50 years, we set the benchmark for quality and reliability. As a dedicated manufacturer, our commitment to rigorous standards ensures enduring performance. With exceptional service and a solid warranty, we're here for the long haul, ready to support you every step of the way.



Hot Water | Heating | Ventilation | Cooling

www.stiebel-eltron.com.au

HellermannTyton Australia Pty Limited

HellermannTyton is a leading manufacturer and supplier of products for fastening, fixing, installing, connecting, insulating, protecting and identifying electrical cables and data network infrastructure. We also develop parts for customer-specific industrial applications.

NEW

Hengtong Group

Hengtong Group is an international enterprise with a diverse range of expertise covering optical fibre, power, marine and offshore cable, EPC turnkey service and maintenance, as well as IoT, big data and e-commerce, emerging materials and new energy. Hengtong has 70 wholly-owned companies and holding companies, with 12 manufacturing facilities and 9 sales companies. It operates sales offices in over 40 countries and regions around the world, supplying products to over 150 countries and regions.

HIMAX Electronics Pty Ltd

HIMAX specializes in providing high-quality LiFePO4, Lithium-Ion, Li-Polymer, and Ni-MH battery packs. With over 15 years of experience in the industry, we have developed a comprehensive R&D team and a robust quality inspection system. Our focus is on delivering advanced battery solutions for various applications, including: energy storage systems, solar street lighting, RV's, electric vehicles, medical equipment and UPS systems. We offer reliable quality, positive services, and competitive prices. OEM/ODM services are available!

Hinen Australia Ptd Ltd

Committed to innovation, Hinen has a skilled R&D team delivering cutting-edge products. These products feature advanced technologies like Bidirectional inverter technology, Battery Management System (BMS), Maximum Power Point Tracking (MPPT) Algorithm, and a Cloud Monitoring Platform. Recognized for excellence, Hinen's laboratory holds the prestigious SGS Accredited Laboratory Certificate, reflecting the commitment to high standards.



Meet SunPower One

The home energy solution putting power in your customer's hands.

Learn more by joining us on booth VV131.



SUNPOWER

FROM MAXEON SOLAR TECHNOLOGIES

HP Profiles

HP Profiles specializes in manufacturing high-quality electrical products designed to meet the demands of various projects, from small commercial and residential needs to large solar farms and government infrastructure. Established in 1995, we have grown to operate nationwide with facilities in Perth, Melbourne, and Brisbane, ensuring prompt service across Australia. We are the only Australian manufacturer of electrical corrugated conduit over 63mm, up to 150mm in diameter. Our locally made products are built to withstand Australia's harsh environment, delivering durability and reliability.

NEW

HT Solar Co Ltd

Come and visit us at our stand.

NEW

HT-SAAE

While continually developing new high-efficiency solar satellite technologies, we are simultaneously advancing the deployment of TopCon N-type solar modules for diversified applications, enhancing product practicality and efficiency.

Hudson

Hudson Electric (Wuxi) Co., Ltd. Is located in Wuxi, Jiangsu, a city with the reputation of "the pearl of Taihu lake", established in 2016. Hudson is a technology-based innovative enterprise, which is focused on the development, production and sales of fuse. Hudson has achieved great results in independent development projects, nearly 50 patents have been authorized by the State, and has passed IATF16949,GJB9001C and GB/T29490. The main products have UL/CE/CCC/TUV approval.

NEW

Supply Partners



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Hunan Wincle Energy Storage Technology Co Ltd

Our storage solutions cater to a wide range of applications, including power generation, grid-side, and user-side installations. We have developed advanced digital energy technologies, including Battery Management Systems (BMS), Energy Management Systems (EMS) and VPP. With a footprint exceeding 660,000m2, Wenergy boasts 13 years of experience in battery manufacturing and holds over 15 export certifications. Our overall scale surpasses 1GWh, and our full chain production capabilities position us as a leading player in the industry.

NEW

I-Charge Solutions Australia

I-Charge was established in 2016 with a mission to accelerate the adoption rate of Electric Vehicles globally. I-Charge now powers 1000+ EV chargers across North America, Australia, Hong Kong, Macau and Malaysia, processing over 1-million transactions each year. At I-Charge, we're all about electric vehicle infrastructure and asset management. We design custom EV charging solutions for our customers – governments, developers, strata managers, corporates, etc. – making sure they're advanced, scalable, and super easy to use. Our goal is to help create a sustainable future for transportation.

NEW

PLAY VIDEO

IGEN Tech Co Ltd

IGEN Tech Co., Ltd., founded in 2009, a high-tech enterprise, is professional in innovative applications based on technologies of IoTs, cloud computing and big data. In 2016, IGEN Tech obtained round A financing from Sequoia Capital, and in 2022, it obtained a new round of additional strategic investment. Being focused on the energy field for 15 years, the company is committed to constructing sustainable solutions and services into energy system, and has developed a complete solution including hardware, software and data analysis to offer smart energy for global customers.

NEW

ILLUMINATE PROS

We are dedicated to enhancing the safety, productivity and aesthetic appeal of every space we illuminate. Through cutting edge technology and exceptional service, we strive to exceed our clients expectations and set new standards in the lighting industry. Our commitment to sustainability, quality, and customer satisfaction drives us to continually innovate and lead with integrity, making a lasting impact on the communities and industries we service.

NEW

TW SOLAR

FORTUNE GLOBAL 500 | TIER1 Bloomberg | Kiwa PVEL TOP PERFORMER

Tongwei Gene Repower

TOP 1 Polysilicon Global Shipment

TOP 5 PV Module Global Shipment

TOP 1 Solar Cell Global Shipment

WORLD'S 1ST "Fishery + PV" Integration

BOOTH P131



Tongwei Gene

TNC-G12 / G12R

Tongwei Solar

IMEFY S.L. – Industrias Mecano Electricas Fontecha Yebenes

Production of transformers since 50 years. We are the few manufacturer in Europe that produce the 3 types of transformers: oil distribution transformers, cast resin transformers and power transformers. More than 200,000 units produced and installed in more than 80 countries around the world.

NEW





Ingeteam Australia Pty Ltd

Ingeteam is a team of more than 3,500 people in 16 countries, with over 80 years of experience in providing solutions to electrify society via cutting-edge specialist electrical energy conversion technology. Ingeteam seeks to consolidate its position as a leader in renewable generation (wind, solar & hydroelectric), energy storage, the smart transmission grid and the efficient, clean consumption of electricity via its electric vehicle chargers, converters, generators and traction motors, for marine use, steelmaking, mining, the production of GH2 and submersible motors and pumps.





INTEC ENERJI COZUMLERI INS. TIC. LTD. STI

INTEC offers best-in-class EPC, development, consultancy, O&M services, and new energy solutions. INTEC excels in creating and developing top-tier, turnkey solar power plants and BESS solutions worldwide, embodying a commitment to excellence and sustainability. Utilizing the expertise of a global workforce, INTEC establishes itself as a prominent player, handling over 180 projects and achieving a significant installed and secured capacity of 3.1 GWp. We maintain an active presence across Europe, the Middle East, APAC Region, Africa, and Turkey, with our global headquarters in Germany.



International SASSIN Electric Shanghai Co Ltd

SASSIN was established in 1993, the headquarter is located in Shanghai China, it has 1500 employees, 2 sites of own factory and 3 sites of joint venture factory. The low-voltage electric products which were designed and manufactured there are exported to more than 120 countries and regions around the world. SASSIN focuses on the global market, driving the company development with technical R&D. SASSIN is committed to researching and developing different low-voltage electric products to satisfy the different requirements from customers all over the world.

NEW





Trinasolar

New generation all-scenario smart PV and energy storage solutions

Booth NO. R101



Vertex | TrinaTracker | TrinaStorage

Invertechs (Xiamen) Technology Co Ltd

Invertechs (Xiamen) Technology Co. Ltd. is a large-scale manufacturing technology company including R&D, design, production, sales and services department, specializing in development of advanced microinverters. Our microinverters are intelligent, safe, innovative, providing reliable and efficient power conversion for your solar panels. Invertechs independent research and development team spend years to develop our products, ensure the quality of products, and our professional teams will provide customers with better clean energy solutions and better customer service.

NEW



iStore

Discover our complete home electrification range, from high-performance solar hybrid inverters and battery storage with optional blackout protection to pool heaters and award-winning iStore heat pumps. Designed for longevity, backed by 100% local Australia-based support. Our team work collaboratively with our suppliers to ensure the supply of cutting-edge products in the market. Experience the convenience of smart home electrification with iStore – The Australian Home Electrification Company.



Italian Trade Agency

The Italian Trade Agency is the governmental agency that promotes Made in Italy throughout the world, supporting the growth of Italian companies and attracting foreign investment to Italy. ITA facilitates, develops and promotes Italian economic and trade relations with foreign countries, focusing on the needs of SMEs. Through its HQ in Rome and a worldwide network of about 80 offices, ITA provides information, consultancy and training to Italian companies, promoting and fostering export and cooperation in all areas to increase the presence and effectiveness of Italian companies abroad.

NEW



Jiangsu GNE New Energy Technology Co Ltd

Our company is a manufacturer specialized in PV power optimizers, PV rapid shutdown devices, and monitoring system. GNE optimizers have functions with module level MPPT, module level shutdown and module level monitoring, and can be compatible with any inverter with MPPT. Our rapid shutdown devices are compliant of NEC2017/2020, UL1741, SUNSPEC. Please check our website for more details.



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Jiangsu Guoqiang Singsun Energy Co Ltd is a wholly-owned subsidiary of Jiangsu Guoqiang group, with 3000+ employees worldwide. Formerly known as the New Energy Division of Jiangsu Guoqiang Galvanization Industrial Co., Ltd., SINGSUN is a technology-oriented enterprise dedicated to providing globally advanced intelligent PV tracker and smart manufacturing services.



Jiangsu Megalion Energy Storage Integration Technology Co Ltd

Megalion is a high technology company incubated by Tianmu Lake Institute of Advanced Energy Storage Technology Company which has been focusing on the research and application of solid state lithium ion cell and Na ion cell. Megalion is an energy storage integration industrialization company based on a new generation of high safety and long-life solid state lithium ion batteries. We provide globally competitive energy storage integration solutions and a new generation of high-safety, long-lifespan, high-efficiency, and wide-temperature-tolerance energy storage products.

NEW



Jiangsu Oliter Energy Technology Co Ltd

Jiangsu Oliter Energy Technology Co Ltd founded in 1998, is one of the first domestic power battery manufacturers with international competitiveness, focusing on the research and development, production and sales of new energy vehicle power battery systems and energy storage systems, committed to providing first-class solutions for global new energy applications, the core technology includes in the field of power and energy storage batteries.



Jiangsu Runergy New Energy Technology Co Ltd

Runergy has ranked the top three in the world in cell shipments for consecutive three years. Now we have 50,000 tons of polysilicon capacity in Ningxia and our global production capacity of cells has exceeded 25GW. Based on advantages in the field of solar cells, Runergy further extends the industrial chain to upstream and downstream. Currently, our production bases include: Ningxia polysilicon base, Yancheng and Jianhu and Yunnan cell base, Yancheng module base, Thailand cell & module production base. Through the embedded integrated strategy, Runergy meets the needs of global clients.



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Since its foundation in 2011, Seraphim has accomplished significant achievements that challenged most of our main competitors in terms of production capacity and the number of innovative designs. Seraphim upholds its belief that innovation is the key driver to offer advanced products, thus we never stop developing new technologies and higher efficiencies. By 2024, Seraphim has reached a 13GW global production capacity. We have earned the Tier 1 distinction from BNEF for 10 consecutive years, and the Top Performer distinction from PVEL 5 times.



Jiangsu Skyworth New Energy Technology Co Ltd

Solavita, a subsidiary of Skyworth, specializes in the research, development, manufacturing, and sales of power electronic products. As a crucial part of Skyworth's comprehensive smart manufacturing strategy, Solavita advances the photovoltaic (PV) and energy storage sectors, producing various inverters, energy storage battery packs (PACK), and integrated energy storage systems. Solavita leverages Skyworth's extensive upstream and downstream industry integration, strengthening its market presence and propelling the growth of its renewable energy division.

NEW



Jiangsu Sunfly Renewable International Co Ltd

Jiangsu Sunfly Renewable International Co Ltd is a hi-tech company following a professional, large-scale and international development path. Established in 2009, it has dedicated to manufacturing world top-notch solar photovoltaic modules, providing green, environmentally friendly and inexpensive clean energy for the world.

NEW



Jiangsu Tongling Electric Co Ltd

Jiangsu Tongling Electric Co Ltd was founded in 1984, and we are a hi-tech enterprise which is engaged in R&D, production, sales and service of solar PV components, including connectors, junction boxes, cables, wiring harnesses, ribbons, accessories and tools. Our relevant products have obtained the certifications from Dekra, TUV Rheinland, TUV SUD, UL and also including the ISO9001 quality management system, ISO14001 environmental management system, ISO45001 occupational health and safety management system certification and invention & utility models patents.

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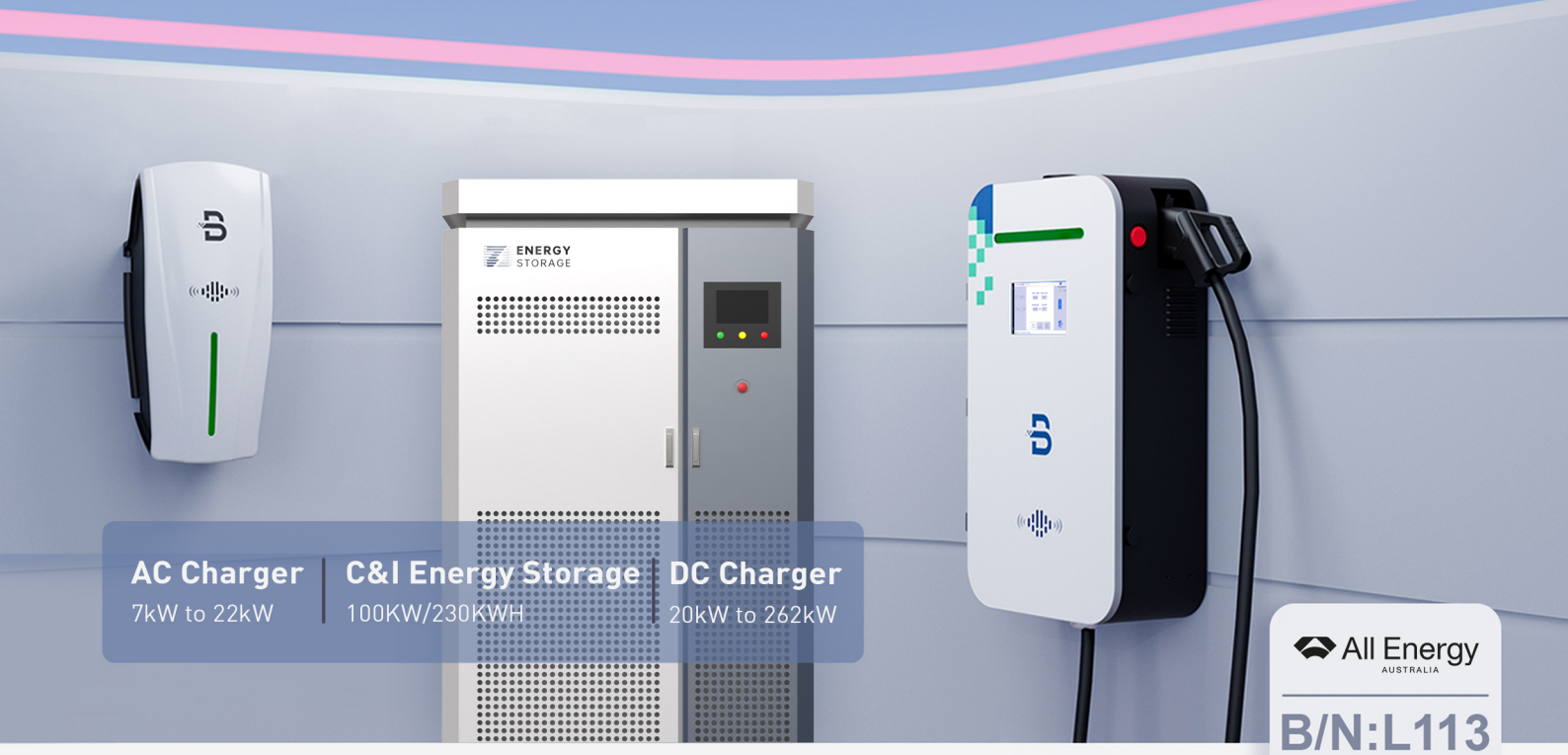

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Jiangxi JingJiu Power Science & Technology Co Ltd

Founded in 1993, KIJO Group is a professional battery manufacturer integrating science, industry, and trade. Over 30 million units of production capacity and an output value of more than 750 million USD. The comprehensive strength of KIJO is the best in the industry, as a well-known AGM (Absorbent Glass Mat Battery), GEL, Deep Cycle, Lead Carbon, OPzV battery, OPzV battery, Lead Acid batteries, and Lithium batteries for all kinds of industrial applications like Solar System, UPS system, Telecom, Data Centres, Rail Transit, Motive Vehicles and more.

Jiangyin Mengyou Electric Heating Appliances Co Ltd

Jiangyin Mengyou Electric Heating Appliances Co Ltd is located in Wuxi, the east of Shanghai. Our company was established in 2005, specialising in designing, producing, selling and installing various kinds of flexible electric heaters. We have a new strong capability of product developing, designing and manufacturing, with international advanced production equipment, selection of imported raw materials and rigorous production test enable our products to become the industry leader and win the trust of customers all over the world.

NEW

Solar JinKO

Jinko Solar Australia Holdings Co Pty Ltd

JinkoSolar (NYSE: JKS) is one of the largest and most innovative solar module manufacturers in the world. JinkoSolar distributes its solar products and sells its solutions and services to a diversified international utility, commercial and residential customer bases in China, the United States, Japan, Germany, the United Kingdom, Chile, South Africa, India, and other countries. JinkoSolar has built a vertically integrated solar product value chain, with an integrated annual capacity of 75GW for wafers, 75GW for solar cells and 90GW for solar modules.

Jinneng Clean Energy Technology Ltd

Founded on December 31, 2013, Jinneng Clean Energy Technology Ltd (Jinergy) is a global leading PV manufacturer and clean energy provider incorporated under Jinneng Holding Group. Consisting of PV experts from home and abroad, Jinergy's management and R&D teams follow the core strategy of technology iterations, and through continuous technological innovation and lean production, Jinergy has reached the most advanced and cost-effective cell and module production capacity.

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About us

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Hudson Electric (Wuxi) Co., Ltd. Is located in Wuxi, Jiangsu, a city with the reputation of "the pear of Taihu lake",established in 2016.Hudson is a technology-based innovative enterprises,which is focused on the development,production and sales of fuse. Hudson has achieved great results in independent development projects,nearly 50 patents have been authorized by the State.has passed IATF16949,GJB9001C and GB/T29490.The main products have UL/CE/CCC/TUVapproved. The products are widely used in ship integrated power system, energy storage and power battery system, rail, aerospace (aircraft) power, electric vehicles, metallurgy ect..Hudson will continue to adhere to the responsibility of providing fuses in reliable quality and excellent performance for the power system, and is commited to being the leader of China's fuses and a modern enterprise serving the society.







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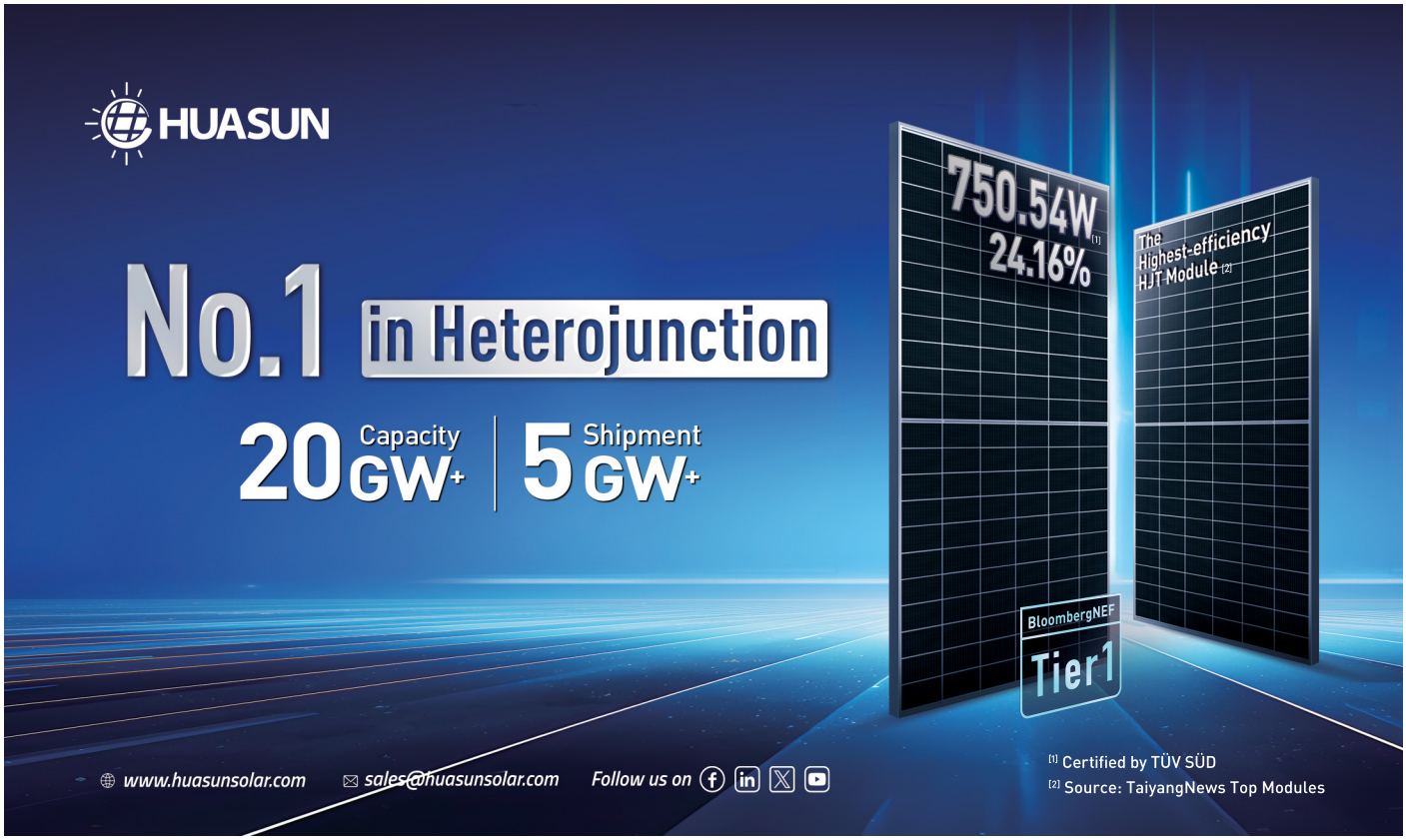
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Jolywood (Taizhou) Solar Technology Co Ltd

Jolywood currently has four major business units: PV Materials, PV Cells, PV Modules, and PV System solutions. These sectors are engaged in the manufacture of advanced PV backsheet & materials, N-type high-efficiency cells and modules, residential new energy services, and comprehensive smart energy projects, respectively. The group is gradually creating efficient synergies along the industry chain.

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Jurchen Technology is the only manufacturer on the market to offer solar mounting systems and DC cabling from one source. Active globally, Jurchen offers its customers know-how from the start of the project development to the acceptance of solar construction work. Jurchen has technical know-how supplied to over 500 solar projects in 6 continents, with over 4.5 GW of substructure and 5 GW of DC cabling. With our revolutionary product PEG® we provide a unique simplified high-density ground mount solution that produces 225% more land yield versus trackers and fixed tilt systems.

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We design and manufacture reliable and user-friendly DC fast-charging solutions for electric vehicles. Our vision is to create the world's most desired EV charging solutions for everyone, everywhere. Our product development and production are based in Finland and in the U.S., with the majority of our materials and components sourced locally. We focus on all areas of e-mobility, from electric cars, trucks, and buses to machines and marine. Our modular and scalable charging system and world-class software are designed by EV drivers for EV drivers.

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Krannich Solar Australia

Founded in Germany in 1995, Krannich Solar is a leading global photovoltaic distributor. We offer PV installers a wide range of products including solar modules, inverters, mounting systems, self-consumption systems, e-mobility solutions, installation monitoring, and accessories. Krannich Solar Australia serves as a comprehensive source for all installations, including commercial projects. As a specialist wholesaler, we are industry insiders, service providers, optimization experts, consultants, and hands-on action-takers, but most importantly, we are expert partners.

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Leader Group was established in January 2008, with a plant area of more than 5,000 square feet, we produce and sell: solar connectors, solar cables, solar junction boxes, solar harnesses, power cables and other photovoltaic connection system products for research, development and production.

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Marinus Link Pty Ltd

Marinus Link is a proposed undersea and underground electricity and telecommunications interconnector between North West Tasmania and the Latrobe Valley in Victoria. The project comprises high voltage direct current (HVDC) cables, fibre optic cables, and converter stations in both Tasmania and Victoria. The converter stations will connect Marinus Link directly into the transmission networks in both Tasmania and Victoria. The cables will be about 345 kilometres long, including 255 kilometres of undersea cables across Bass Strait and 90 kilometres of underground cables in Victoria.

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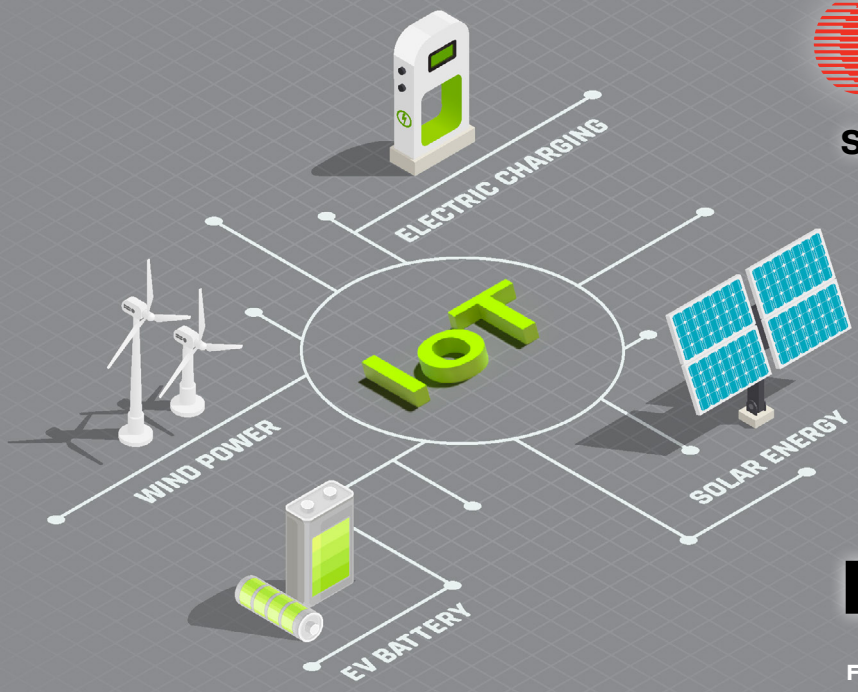

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Colterlec is one of Australia's leading suppliers of engineered electrical product solutions. Colterlec has again partnered with Moxa, a leading provider of network infrastructure, connectivity and computing solutions. Providing professional consultations of industrial communications and high quality technical training services of IEC 61850 substations automation and cybersecurity for energy sectors in renewable energy generation and monitoring, BESS and EV charging to support building up a reliable + secure communication infrastructure for clean energy monitoring and sustainability management.





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Nanjing Hyperstar Intelligent Development Co Ltd

Nanjing Hyperstar Intelligent Development Co., Ltd-a High-Tech enterprise is committed to becoming a global solar energy solutions provider. Our products and services include inverters, lithium batteries, mobile convenient energy storage equipment, industrial and commercial energy storage, farm pasture and other complete energy customization solutions. We are a professional global energy equipment customizer! With market tested quality products and 15 years of experience, we have established partnerships with companies and enterprises in more 50 countries and regions!

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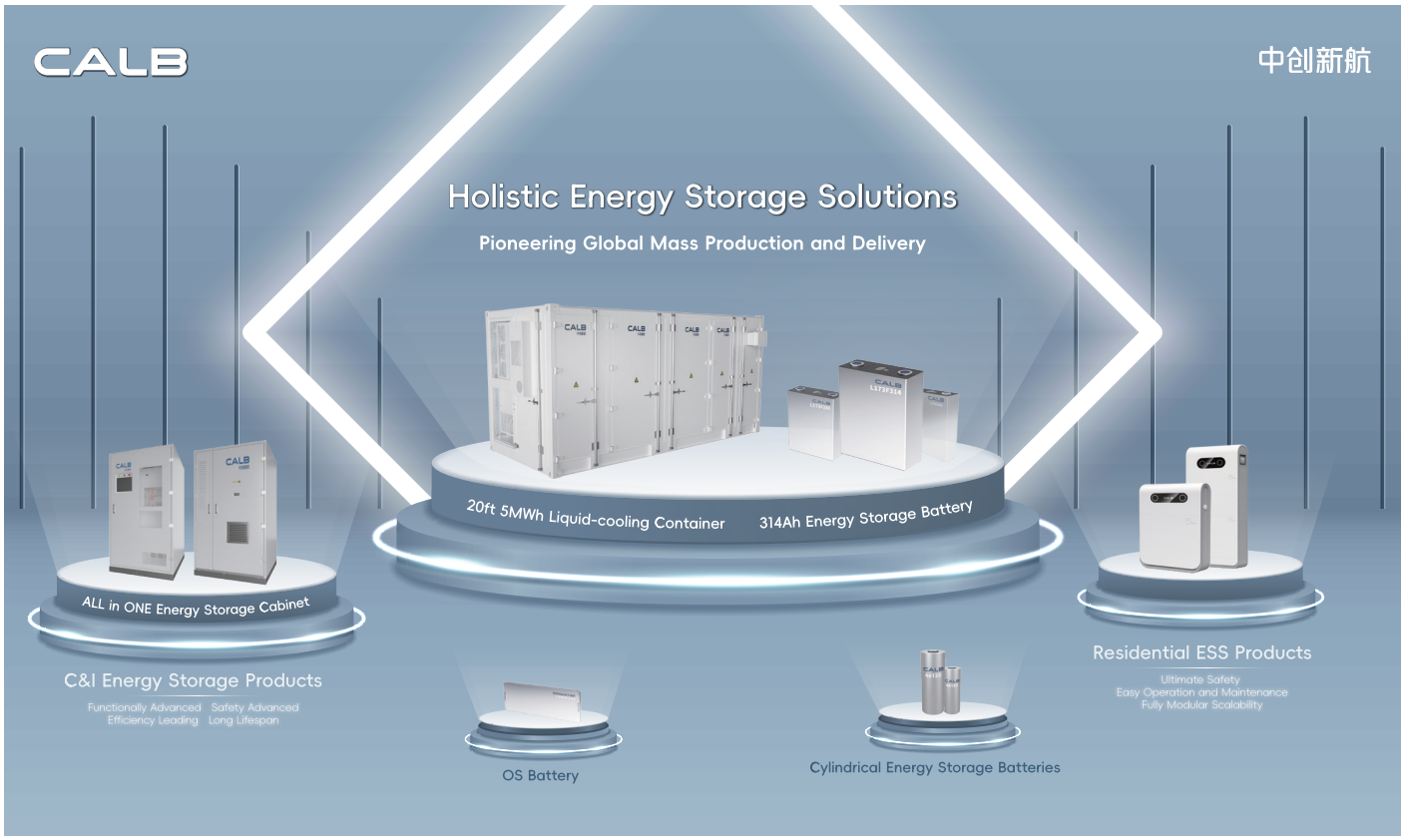

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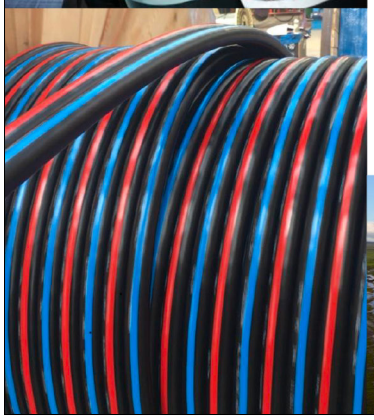

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Polar
(C&I PV + BESS)



Alcor
(Liquid cooling BESS for C&I)



1500V BESS PCS



Liquid-cooled Prefabricated Cabin Energy Storage Battery System



Vega
(C&I PV + BESS(Container solution))



Cubox
(Mobile Energy Storage Power Supply)



Visitor Registration (FREE)

Exhibitor No **1,700+**

Visitor No **75,000+**

expected, including concurrent shows

Dates

Feb. 19 - 21 ,2025

Venue

Tokyo Big Sight, Japan

Contact

Email: visitor-eng.wsew.jp@rxglobal.com

TEL: +81-3-6739-4119

ABOUT

RX Japan Ltd. organises SMART ENERGY WEEK [February] 2025, will be held from February 19(Wed) - 21(Fri), 2025 at Tokyo Big Sight, Japan – Japan's leading exhibition for renewable energy tech.

Renewable energies are expected to play a greater role in achieving carbon neutrality by 2050. SMART ENERGY WEEK gathers a full range of renewable energy technologies such as hydrogen and fuel cells, solar power, rechargeable batteries, smart grids, wind power, biomass and zero-emission thermal power generation etc. SMART ENERGY WEEK is a exhibition where the latest technologies, information and people gather to accelerate the business in the energy industry.

7 CONSISTING SHOWS OF SMART ENERGY WEEK

- H2 & FC EXPO
- PV EXPO
- BATTERY JAPAN
- SMART GRID EXPO
- WIND EXPO
- BIOMASS EXPO
- ZERO-E THERMAL EXPO

Concurrent Show:

- DECARBONISATION EXPO
- CIRCULAR ECONOMY EXPO



NextGen Jobs

Come and visit us at our stand.

NEW

Nextracker

Nextracker is a leading provider of intelligent, integrated solar tracker and software solutions used in utility-scale and distributed generation solar projects around the world. Our products enable solar panels in utility-scale power plants to follow the sun's movement across the sky and optimize plant performance. With an operating fleet in over thirty countries, Nextracker leads the solar industry with solar tracker technologies that increase energy production while reducing costs for significant plant ROI. For more information, please visit our website.

NHOA Energy

NHOA Energy plays a key role in the Australian large-scale energy storage market, one of the most active in the world, and has delivered BESS projects that provide reliability to the Australian grid, whilst facilitating the integration of increased levels of renewable energy from both domestic rooftop solar and utility-scale projects. Exploiting our flexible contracting approach, NHOA Energy Australia can provide flexible project delivery, from Balance of Plant scope of work as a wrapped contract, to partnering with experienced local partners with a strong experience in renewables.

NEW

Ningbo Carstel Manufacturing Co Ltd

Senior manufacturer for vehicle battery charging/starting devices and off-grid power control system to caravan/motorhome, with over 20-year experience integrating R&D, production and sales; Service and supply to the larggest retailers/top brands in the US, Europe and Australia.

NEW

Ningbo Deye Inverter Technology Co Ltd

Ningbo Deye Inverter Technology Co Ltd, founded in 2007, is a high-tech enterprise and a subsidiary of Deye Group. With a plant area of over 400,000, Deye is a major player in the global solar inverter market. Leading in energy storage inverters, Deye has ranked first in global shipments for the past two years. In 2023, we exported over 600,000 units, outpacing competitors. We hold top market positions in the US, South Africa, Brazil, Pakistan, Southeast Asia, and Germany.

Ningbo Hongwei Solar Photovoltaic Technologies Co Ltd

Ningbo Hongwei Solar Photovoltaic Technologies Co, Ltd. has been engaged in providing portable solar panels since 2015. We are specialize in producing different models of portable solar panels, including portable folding solar panel, semi-flexible solar panel, portable glass solar panel. We also have developed new products, like one-piece laminated portable folding solar panels and multi-function junction box for portable solar panels.

NEW

Ningbo Victor Solar Technology Co Ltd

Our VS SOLAR main business is in producing of PV module, Solar blanket, Ultra Light solar panel, Foldable solar panel, and Semi-flexible solar panel, as well as portable power products. After years of development, we now have a professional technical team and advanced facility, comprehensive product test methods as well as strict quality control systems.

Niu-Power (Suzhou) Corporation

NIU Power is a professional supplier of new energy electrical connection solutions. NIU Power provides Dc & AC connectors for photovoltaic systems, connectors for energy storage systems, connectors for EV and highly reliable and cost-effective integrated harnesses and solutions for utility-scale power systems. By the end of 2022, NIU has more than 200 employees, including more than 50 R&D personnel and has been awarded more than 30 patents and established an international standardized testing lab with third party.

NEW

CRRC

Wind Power

4.1GW
Annual Production Capacity

20GW
Cumulative installation capacity



PV Inverter

50GW
Annual production Capacity

30GW+
Cumulative installation capacity

BESS

20GWh+
Annual production Capacity

12GWh+
Cumulative installation capacity

ComAp®
The heart of smart control

Smart Energy Control Solutions

ComAp designs and delivers smart energy controls solutions for on and off grid power systems.

Our hybrid microgrid solution combines renewable sources of energy with a diesel gen-set to provide more environmentally sustainable, but also reliable power.



Booth R147

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CLEAN ENERGY COUNCIL

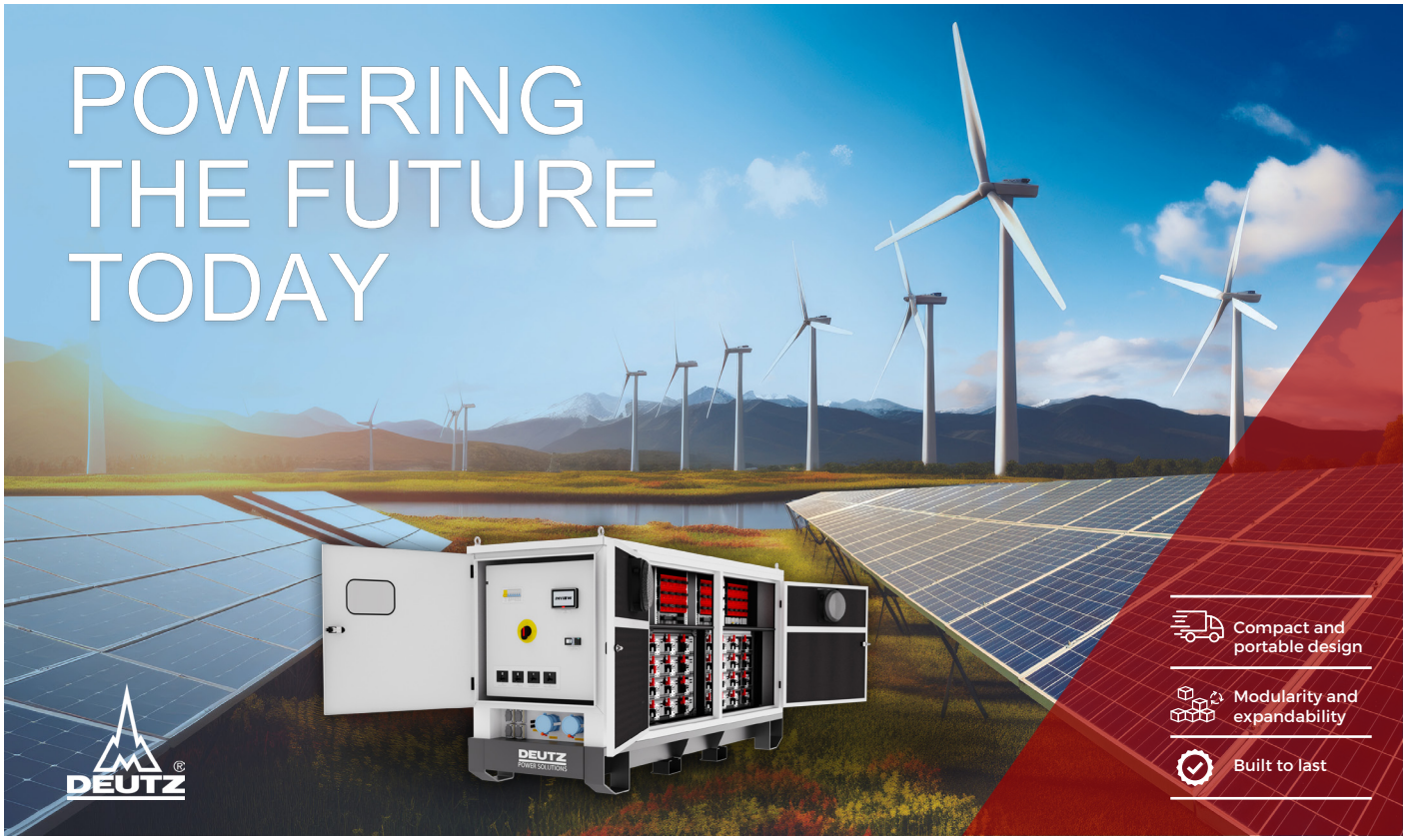
Visit us at stand Q109

The Clean Energy Council is the peak body for the renewable energy and storage industry in Australia, representing around 1,000 businesses.

Visit us at stand Q109 to find out how we're helping accelerate the clean energy transition and how becoming a Clean Energy Council member can benefit your business. Plus, ask us about the industry programs and services we administer including the Product Assurance and New Energy Tech Consumer Code (NETCC) programs and our learning platform, LearnLAB, for CPD training and education.

We look forward to seeing you at Australia's largest clean energy event.







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Certisolis
EUPD RESEARCH TOP BRAND PV MODULES NETHERLANDS 2024
TOP PERFORMER 2024 kiwa PV MODULE RELIABILITY SCORECARD
BRONZE 2023 ecovadis Sustainability Rating
www.dmegcsolar.com

Northmore Gordon Environmental Pty Ltd

Northmore Gordon was formed in 2009 to join the global effort to reduce emissions of greenhouse gases through consultant services to many large industrial clients. Northmore Gordon provided technical services including energy audits, access to government grants, and carbon accounting. In 2012 the directors of Northmore Gordon with two others founded Wattly as a separate business to use Cloud and Mobile solutions to help drive energy efficiency, renewable energy adoption, and carbon abatement and support the transition to a low carbon economy.

NR Electric Co Ltd

NR's the products and solutions covers protection, automation & control, HVDC & FACTS, renewable & microgrid and engineering consulting & services. Based on more than 20 years of professional experience of high-tech innovations, NR provides a wide spectrum of electrical and power electronics solutions to enable its worldwide customers to meet the growing challenges of quality and safety. We also offer turnkey and specialist electrical services provided by more than 6000 high tech employees across the globe. NR, a recognizable multinational company has expanded its hand to over 100 countries.

NEW

NWI Group

NWI Group has been committed to providing high-quality service in the sale, repair, and calibration of test and measurement equipment since inception in 1994. As a family-owned business with offices and agents throughout Australia, we offer a comprehensive product range from basic temperature probes to advanced hygrometers. Our NATA-accredited calibration services ensure precise measurements and customer satisfaction, reflecting our dedication to continuous improvement and excellence in the industry.

NEW

One Stop Warehouse

OSW is a leading solar distributor in Australia operating in the marketplace with a decade of experience, providing a complete solar & storage solutions, our aim is to provide a one-stop service for all of your solar business needs. Our offerings include PV panels, inverters, EV chargers, solar storage options, heat pumps, and mountings. With six warehouses in Australia and a global distribution network spanning Europe, the USA, and other markets, OSW is committed to reducing carbon footprint and promoting sustainability.

OpenSolar

OpenSolar is the world's leading solar design and proposal software with the mission to scale solar globally by providing installers with innovative software technology and an equally innovative business offering – the world's first entirely free-to-use design and sales platform. Solar installers in 150+ countries today are using OpenSolar's end-to-end platform to manage and grow their businesses all in one place with class-leading solar design accuracy, interactive custom proposals, streamlined Hardware Ordering and a portfolio of fully integrated financing options, products, and services.

Optimal Group Australia

Optimal Group, an Australian-owned energy solutions business, is at the forefront of innovation and application in the energy sector and prides itself on "being in the problem-solving business" for our customers and partners. We offer a one-stop shop for our clients with services from feasibility, engineering to project delivery and lifetime service, support and monitoring. We are a dynamic business who have delivered world-first technical solutions for urban and remote energy users across Australia and the South Pacific.

Origin Energy

With renewable energy generation changing the way the grid operates and as the demand for energy grows, Origin provides stability and flexibility to deliver better value and cleaner energy for Australian homes and businesses. Whether your customers are looking to switch to solar, keep their bills down, lower their carbon emissions, invest in energy assets or get more value from them, Origin is here to help. We can give your customers access to lower energy costs and greater earnings for their energy exports, while helping to grow your business too.

Orkestra

Tailored for solar & battery installers, financiers, and energy service companies, Orkestra provides easy, fast and accurate feasibility modeling for new energy projects. Orkestra will empower your team from sales to engineering to configure solar, battery & EV charger projects with ease. Within minutes, test hundreds of solution configurations to optimize solutions for payback, energy independence, carbon reduction, and more. Sharing is easy with interactive, branded reports that you can link to customers. Turbocharge sales, save time, deliver more value. Visit for a demo or get a free trial!

ELECTRIC VEHICLE COUNCIL

National peak body for the Australian EV industry, with over 95 members across the EV ecosystem from vehicle OEMs and charging infrastructure suppliers to network operators and retailers

Contact us to find out more

95+
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ALL-ENERGY AUSTRALIA

CLEAN ENERGY COUNCIL

SMART ENERGY COUNCIL

Booth Q139

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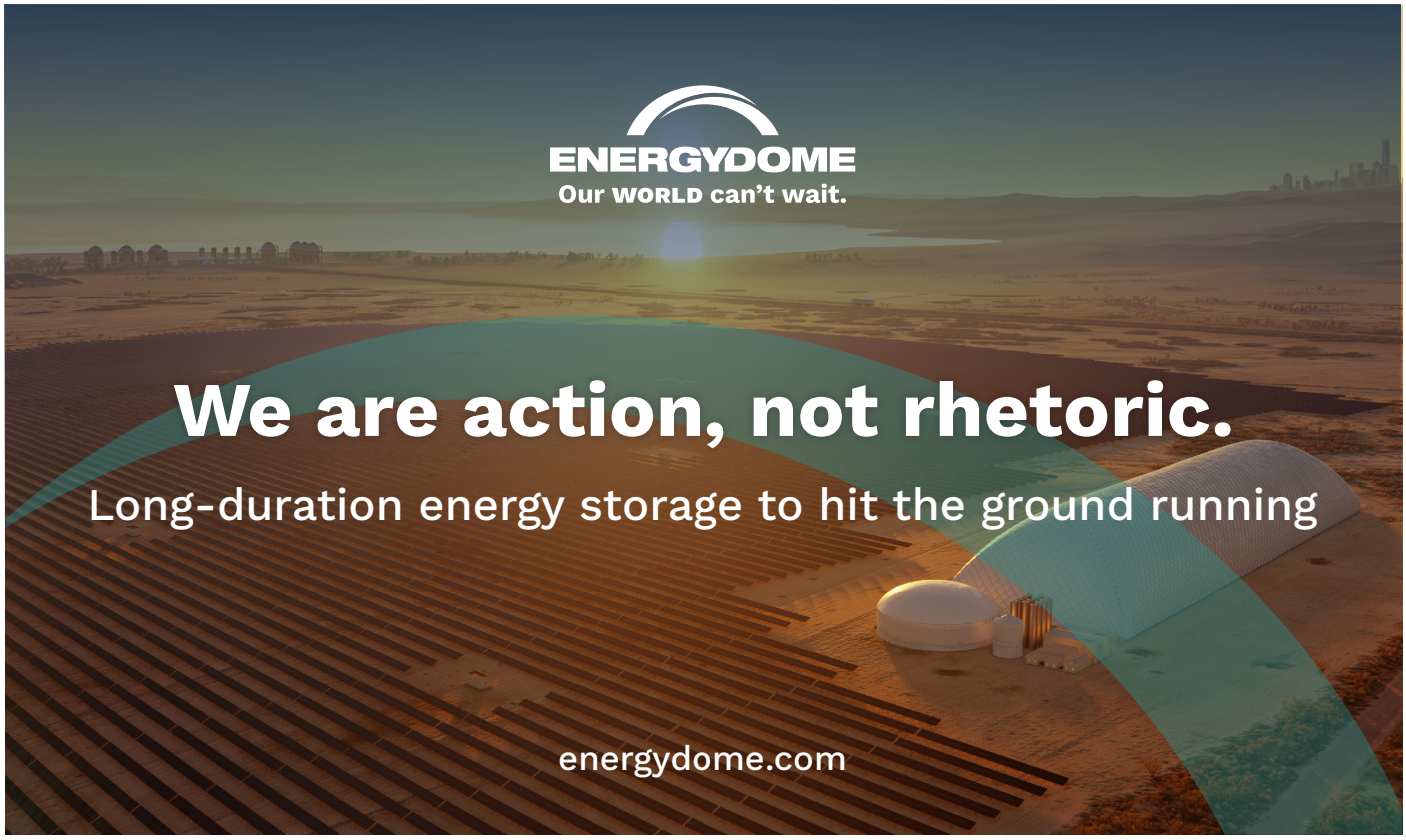
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A scalable, safe, all night solution to grid stablisation

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NEW

PC1 Group

PC1 GROUP JOINT STOCK COMPANY (PC1), a professional investor and an EPC contractor in sectors of Electrical Grid and Renewable Energy, was founded on 02 March 1963, experienced nearly 60 years of establishment. Products and services: steel structure manufacturer, power system optimization solutions, EPC contractor. Our Mission: Excel in providing market leading green energy solutions and power system optimizations that benefit the planet and our customers.

PLAY VIDEO

PDC Machines LLC

PDC Machines is a USA-based provider of diaphragm compression systems and hydrogen refuelling solutions. Our compressors are industry renowned for their reliability and robust performance, and the preferred choice for ultra-high purity gas applications requiring contamination-free and leak-tight compression. PDC serves commercial installations globally with regional sales and service centres in Australia, the U.S., China, Germany, Japan, South Korea, and Australia. Today, PDC has over 2,100 compressors installed globally, including 1,400 installations in hydrogen energy applications.

NEW

PERIC Hydrogen Technologies Co Ltd

PERiC Hydrogen Technologies Co. Ltd. ('PERiC') is recognized as a world-leader of alkaline and proton exchange membrane ('PEM') water electrolysis and hydrogen technologies. It is a wholly owned subsidiary of the Purification Equipment Research Institute of CSSC with the headquarter inHandan City, China. For more than sixty years, PERiC has been focusing on research & development. Design, fabrication, engineering and services of hydrogen generation equipment and hydrogen energy utilization.

NEW

PetroVietnam Technical Services Corporation

PTSC's core businesses are to provide technical services for oil & gas, energy and industrial sectors including high technical solution, high quality and professional approaching international standard such as: EPCIC for offshore facilities; EPC for industrial plants; FSO/FPSO; Offshore supply vessels; Geological survey; Installation, operation and maintenance of offshore facilities; Port & Supply Base and Technical manpower supply.

NEW

Phoenix Contact Australia

Phoenix Contact is an independent, global market leader with headquarters in Blomberg, Germany. More than 20,000 enthusiastic people around the world develop, produce, and sell our creative solutions in connection technology, electronics, and automation. The “Phoenix terminals” and “Phoenix connectors” are known worldwide. We see our work as a contribution to designing a smart world. A global network in more than 100 countries guarantees the important proximity to our customers. Our innovative products and solutions are characterised by high quality.

PLAY VIDEO

Photon Planet Ltd

Photon Planet Ltd., the exclusive distributor of Sunplus products in Australia and New Zealand, proudly offers this cutting-edge material designed to increase the irradiation rate of bifacial PV modules.

Pixii Australia Pty Ltd

At Pixii, sustainability is at the core of who we are. Our innovative Battery Energy Storage System (BESS) provides flexibility to the grid with a range of smart functionality, like peak shaving and arbitrage, allowing for an efficient, reliable, and sustainable way to store energy and get the most out of renewable energy. Unprecedented modularity allows homes and businesses to scale to their needs, speeding up the transition to green energy. Pixii's system is fully integrated, allowing users to get the most out of new or existing solar installations, enabling storage of excess energy.

We make EV energy simple.

At EVOS, we specialise in providing cutting edge, Australian made AC charging hardware and software solutions to enhance the EV charging experience.

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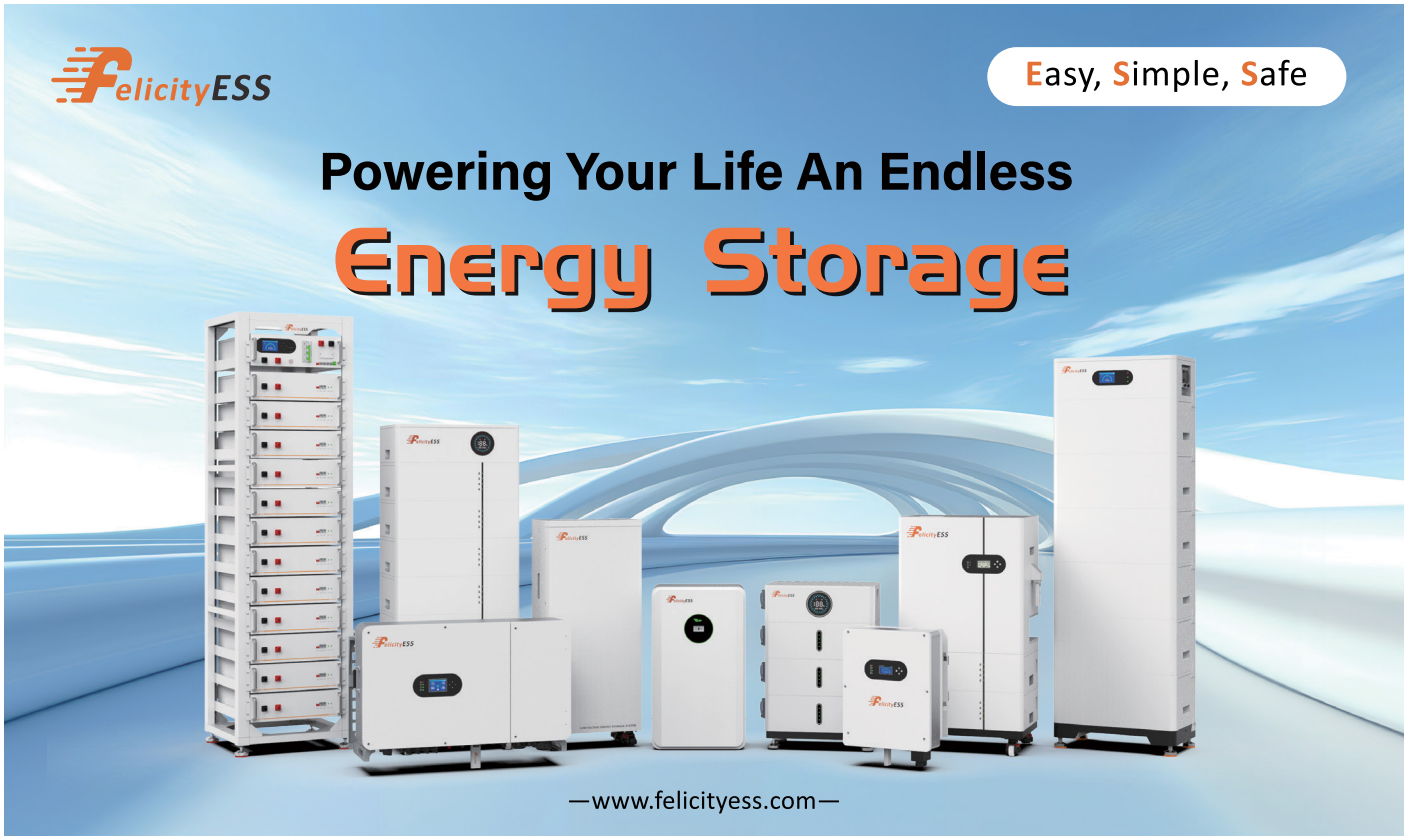


Fukuoka Prefecture Hydrogen Green Growth Strategy Conference

Promoting Fukuoka Prefecture as a Front Runner in Realizing a Hydrogen Society via industry - Academia – Government Collaboration

To realize carbon neutrality across the industrial sectors and throughout society, we will pursue initiative Green Growth based on the use of Hydrogen and create direct link between environmental measures and economic growth.

~ Our Booth ~

We introduce the initiatives our conference an hydrogen-related technologies of member companies. We welcome collaboration between Australian companies and our member companies.

【 Fukuoka Prefecture Hydrogen Green Growth Strategy 】

- Innovation in hydrogen production and supply
- Expansion of hydrogen use
- Clustering of hydrogen industries

→ Promotion of Green Growth based on hydrogen

1 Innovation in hydrogen production and supply

The dissemination of green hydrogen requires a cost reduction and diversification of hydrogen production and supply

[Example initiatives]

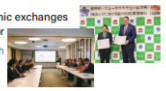
Construction of a large-scale hydrogen center in the Kitakyushu Hibikinada coastal area

Diverse hydrogen sources will be promoted, including green hydrogen imported from abroad, green hydrogen produced from renewable energy sources, and by-product hydrogen generated in manufacturing processes.



Promotion of industry-government-academic exchanges with foreign countries in the hydrogen sector

A delegation will be dispatched to New South Wales, Australia, to sign an MOU on cooperation in the hydrogen sector.



Promotion of R&D for high-efficiency hydrogen production, including the development of a next-generation water electrolysis device and other technologies

- R&D of high-efficiency hydrogen production technology (high-temperature solid oxide electrolyzer cell)
- R&D of reversible SOEC/SOFC as an international joint undertaking

2 Expansion of hydrogen use

Hydrogen use will be expanded to new applications, including factories, trucks, forklifts, and ships

[Example initiatives]

Introduction of FC-powered mobilities such as FC-powered trucks and forklifts in the transportation and physical distribution sectors

A virtuous cycle will be created for disseminating FC-powered mobilities, by simultaneously promoting the introduction of FC-powered trucks/forklifts and hydrogen-powered ships by transport companies in Fukuoka and developing hydrogen stations.



Introduction of FC-powered mobilities to commercial vehicles such as local transportation and garbage collection trucks

All districts in Fukuoka will be encouraged to introduce hydrogen to commercial vehicles such as local transportation and garbage collection trucks.



Development and dissemination of a "hydrogen factory package" to contribute to the decarbonization of factories

Companies based in Fukuoka will play a central role in developing low-cost, high-efficiency stationary fuel cell units as an all-prefecture initiative.
A hydrogen factory package that combines stationary fuel cells and renewable energy facilities will be offered nationwide.



3 Clustering of hydrogen industries

High-growth hydrogen industries need to be clustered for maximum benefit

[Example initiatives]

Establishment of the Fukuoka Hydrogen Green Innovation Support Center

Fukuoka and Kyushu University will work together to provide one-stop support for inquiries related to the hydrogen sector, including inquiries about (1) entering the hydrogen industry, (2) introducing hydrogen technologies, and (3) planning and arranging social demonstration projects via industry-academia-government collaboration.

Support for the development of new green hydrogen products by companies in Fukuoka

Subsidies and matching support will be provided as appropriate to each development phase, such as the R&D, demonstration, and social implementation stages.

Examples of subsidized product development (among others)



Enhancement and reinforcement of the Hydrogen Energy Human Resources Center

Business-oriented programs will be organized, anticipating that hydrogen technologies will advance to the social implementation stage.
Programs will also be provided on the introduction of hydrogen equipment, with an eye to the dissemination of hydrogen use.



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HARDWARE AGNOSTIC UNLOCK YOUR SUPPLY CHAIN

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A full range of anchoring, bracing and cable management solutions engineered to improve the stability and strength of PV Solar applications. The lightweight and versatile solutions mean that genuine savings in time, labour and materials can be made when compared to traditional methods. Solar Cable Management, game changing solutions for fast, safe and efficient management of solar cables, engineered for lasting performance and maximum cable protection.



Potise

At Potise, we specialize in supplying advanced energy solutions. At the All Energy Expo this October, we will showcase our latest Energy products. Residential Battery Products: Reliable energy storage solutions for seamless home integration, optimizing energy use and ensuring an uninterrupted power supply. Solar Panels: High-efficiency solar panels designed for maximum energy capture, durability, and easy installation. Inverters: Advanced inverters offering superior performance and flexibility, ensuring homes can efficiently convert solar energy.

NEW

PotisEdge Co Ltd

Since its establishment in 2015, Potisedge has focused on the independent development of core technologies across all levels. Specializing in iCCS, BMS, and EMS, we have comprehensive expertise in energy storage system integration. With a global production capacity of 31GWh and 274 R&D technology patents, Potisedge provides advanced intelligent energy solutions for residential, commercial and industrial (C&I), and utility-scale applications. We are dedicated to innovation and delivering reliable energy storage systems for diverse ecological scenarios worldwide.

NEW



Power Electronics Australia

Power Electronics is the world's leading manufacturer of solar inverters for photovoltaic plants in Europe, Oceania, and America. Furthermore, the company is a global leader in energy storage and a leading player in DC charging solutions. Its products are present in nearly 2,000 plants in 35 countries around the world. The company closed 2023 with 91 GW of commissioned AC power.

NEW



Power Equipment

Power Equipment was established in 1990 and is the exclusive authorised Australian, New Zealand, PNG and South Pacific distributor of Yanmar, Eniquest and John Deere industrial and marine engines. Our power products are used in a wide variety of applications, including construction, emergency services, mining, manufacturing and more, as stand alone power or a backup power supply.



PowerPlus-Energy

PowerPlus Energy is a proudly owned Australian business that specialises in producing power cabinets, battery energy storage systems (BESS), and high-quality lithium batteries. Our products are well-known for their dependability, usability, and scalability. Our goal is to deliver cutting-edge renewable energy solutions that are effective, affordable, and simple to use. We want to have a positive environmental impact, lower our carbon footprint, and assist our clients in lowering their energy costs.



Powertech Pty Ltd

We are an engineering and technical services business that won't let you down. Electrical has always been our core discipline ever since a group of likeminded engineers and technicians came together to form Powertech in 1998. Our services cover the full spectrum required to help you get the most from your assets. We deliver full power and electrical EPC turnkey solutions and any combination of engineering and design, building and installation, commissioning, high voltage testing, operations and maintenance and calibration and repair.





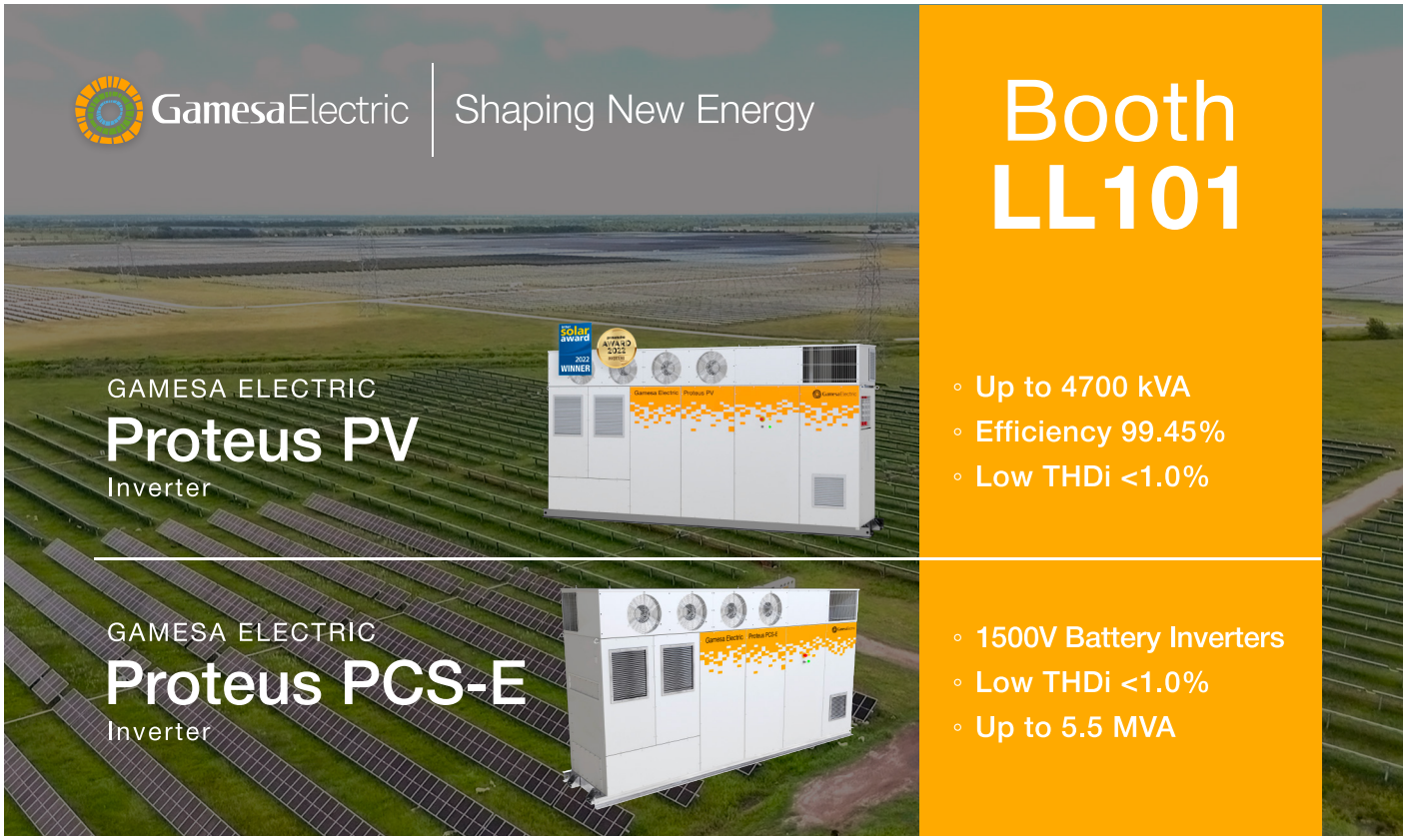
Powin

At Powin, we are advancing the next frontier of energy and changing the way we power our daily lives by ensuring access to clean, resilient, and affordable power. As a global energy storage platform provider, we offer fully integrated battery solutions, software, and services to optimize grid performance and enable the transition to cleaner energy sources. To learn more, please visit our website.

NEW



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Inverter
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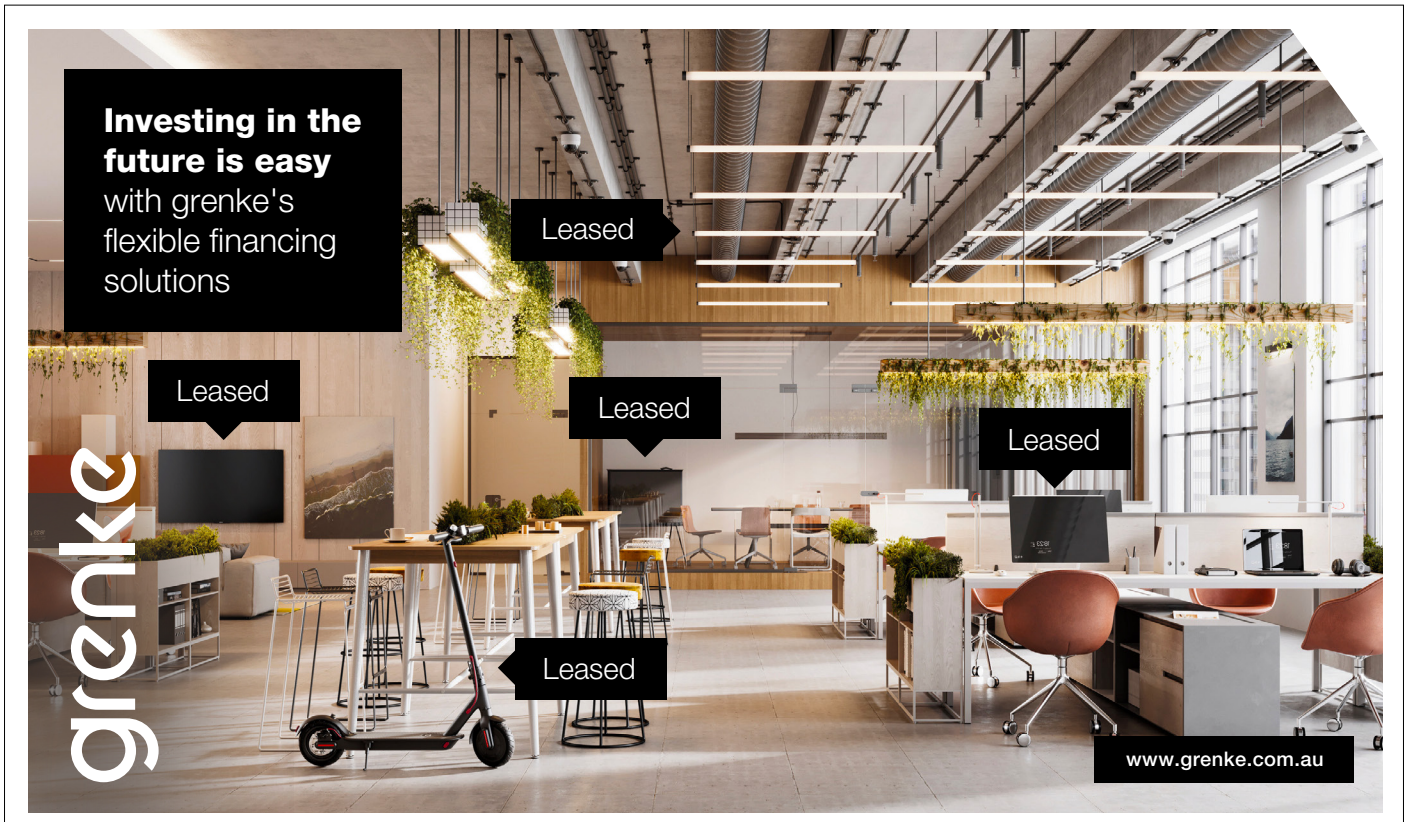
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IP67

Prime Creative Media

Produced by Australia's largest B2B publisher, Prime Creative Media, the publication includes a bi-monthly magazine, two e-newsletters and a go-to website featuring the latest news and information on the market. Ecogeneration's magazine is circulated to more than 20,000 readers, including Clean Energy Council Members, representing the diversity of the industry, including residential solar installers, EPCs, utility-scale companies, developers, financiers, government and academics.

Proa Energy

Proa helps renewable energy companies optimise asset performance, improve the predictability of solar and wind assets, and automate the management and operations of hybrid energy management systems. Our products include Weather Stations that are wireless, autonomous, and self-cleaning to improve data accuracy and reliability; Self-Forecasting, using data analytics from skycams, pyranometers, satellite imagery and SCADA systems; Hybrid energy management systems, the automated management of Solar, Wind and BESS in the NEM to optimise revenue generation and reduce impact of curtailment.

NEW

PROCORE®

Procore Technologies Inc

Procore Technologies is a leading global provider of construction management software. Over one million projects and more than $1 trillion USD in construction volume have run on Procore's platform. Procore's platform connects key project stakeholders to solutions Procore has built specifically for the construction industry—for the developer, the head contractor, and the trade contractor. Our App Marketplace has a multitude of partner solutions that integrate seamlessly with Procore's platform, giving construction professionals the freedom to connect with what works best for them.

NEW

PT. Langgeng Makmur Aluminium

Luxurium is a brand of extruded aluminum profiles produced by PT Langgeng Makmur Aluminium. Since 2017, PT Langgeng Makmur Aluminium has served the domestic and international markets with a total manufacturing capacity of 20,000 tons per year. Luxurium has a variety of innovative profile patterns made according to the predetermined standard for aluminum profiles to meet our customers' needs. We are equipped with our own dies making facility, both vertical and horizontal powder coating, anodizing machine, and sandblasting machine.

NEW

PLAY VIDEO

PV Connections

PV Connections is a leading supplier of balance-of-system solar products to Australia's rapidly growing solar industry. Selling everything from labels to cable, we offer the complete range of solar connection products designed and tested for Australian conditions and requirements. We only supply compliant and quality focused products, leading the way after changes in the industry, so that you can be confident in your installation. Our fast delivery and service ensures your products arrive on time and in tip top shape for your next install. For all things BOS, get in touch with us.

PV Hardware Solutions, SL

PV Hardware (PVH) is a solar tracker manufacturer and provider of innovative solar tracking solutions for the global solar energy market, including solar trackers, fixed structures and SCADA systems. Each product designed by PVH can be easily installed on any type of terrain, withstands different weather conditions, and is prepared to withstand high winds, supporting any type of module, including thin-film and bifacial. Founded in 2011, PVH has supplied more than 29GW to photovoltaic plants operating in various countries around the world.

PLAY VIDEO

PYLONTECH

Pylon Technologies Co Ltd

Pylontech is a dedicated BESS (battery energy storage system) provider, consolidating expertise in electrochemistry, power electronics, and system integration to deliver reliable BESS solutions globally. With continuous and rapid growth, it has become a leading supplier of lithium battery energy storage systems worldwide.

Qingdao Wangbaoqiang Industry Co Ltd

NEW

WBQ was founded in 2007, it is leading supplier for screw pile foundation, solar mounting structure, piling machine and fence system in China with 27GW capacity annually. WBQ's one stop service including geotechnical testing, designing, fabrication and construction. WBQ is your best partner to help you achieve more profitable project ahead.



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Booth: MM101

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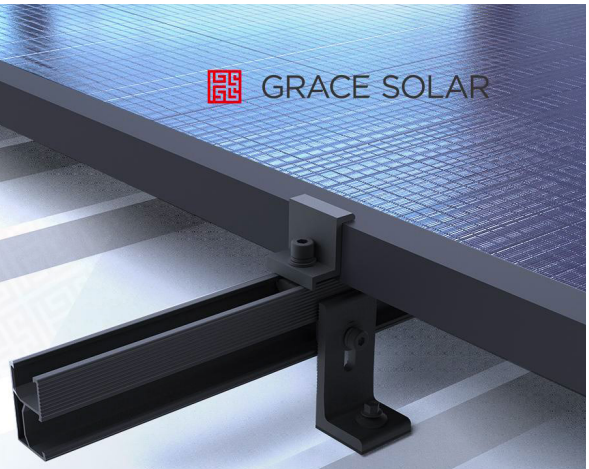

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Over the years, Grace Solar has built a strong reputation for reliability and trustworthiness in the solar industry. High customer satisfaction rates and positive reviews reinforce the company's standing in the market.

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- DATE: 23 & 24 October 2024
- TIME: 9am – 5pm
- Venue: MCEC, Melbourne

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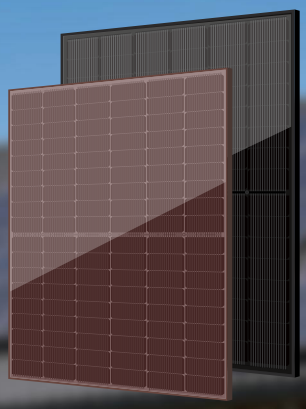

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TIER 1
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NEW ENERGY FINANCE

R&J Batteries

R&J Batteries is a major battery distributor in Australia supplying batteries for all applications including automotive, commercial, motorcycle, marine, deep cycle, solar and industrial batteries. R&J Batteries has 29 company-owned branches and a footprint of more than 10,000 stockists throughout Australia and New Zealand. Our brand portfolio consists of world class brands such as BAE, Zenaji, MPS, ACDelco, Delkor, Fullriver, Deka, Hardcore, KOBA, Mottobatt, Odyssey, Optima, Predator, U.S Battery and ALLiON.

RatedPower, a part of Enverus

RatedPower is on a mission to digitalize the renewable energy industry and maximize clean energy's potential through disrupting and user-friendly cloud-based solutions. Through their software to automate and optimize the study, analysis, design, and engineering of photovoltaic plants in all its stages, RatedPower helps companies discover the smartest ways to design utility-scale solar PV plants, maximize their profitability, and reduce energy costs.

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RAYSTECH

Your Trusted Solar Partner

Raystech Group Pty Ltd

Raystech Group, founded in 2018, is an emerging solar wholesaler headquartered in Brisbane. Raystech now operates in over 6 major cities in Australia with our self-operated sales offices and distribution centres. We have also successfully expanded our service offerings to New Zealand in 2021. At Raystech, we believe in selling an experience, not just selling the product. By working closely with our customers and solar partners, we wish to enable the global renewable industry to grow and move towards a carbon-neutral economy protecting our planet Earth.

RCT power

RCT Power

RCT Power is a technology leader in stationary storage solutions for domestic and industrial use. The brand has its origin in the city of Konstanz, Germany. Here we have assembled an experienced team of experts in the field of power electronics. Together with our manufacturing in Jiangsu, China, we work on innovative solutions enabling a better and sustainable usage of solar power. Our team of experts will be on hand to provide valuable insights into our advanced energy storage technologies and engage in discussions about the future of sustainable energy solutions in Australia.

PLAY VIDEO

REC Solar Pte Ltd

Innovation is in REC's DNA – constantly setting the pace when it comes to the latest innovations in solar module technology and high efficiencies. Better, Not Bigger.

Reclaim Energy

Australian owned reputable engineering company built on problem solving. Passionate about energy efficient, sustainable hot water solutions reducing impact on the planet. Core focus is to drive innovation in terms of hot water design, enhance the way hot water systems interface with households' energy management profile. Design and develop next generation heat pump hot water solutions to meet demanding and variable Australian conditions. Design smart control systems offering ultimate flexibility, cost effective energy use and draw reduction, contributing to net zero emissions.

Redback Technologies

Redback has been powering Australia since 2015 – as a handful of clean tech enthusiasts embarked on a mission to empower Australians to be as self-sufficient as possible with renewable solar and battery storage solutions. Two of Redback's notable milestones include introducing the first all-in-one hybrid system to the market, and being the first inverter manufacturer in the world to be certified for Queensland's Dynamic Exports. Redback is proud to be innovating at the forefront of Australia's transition to renewables.





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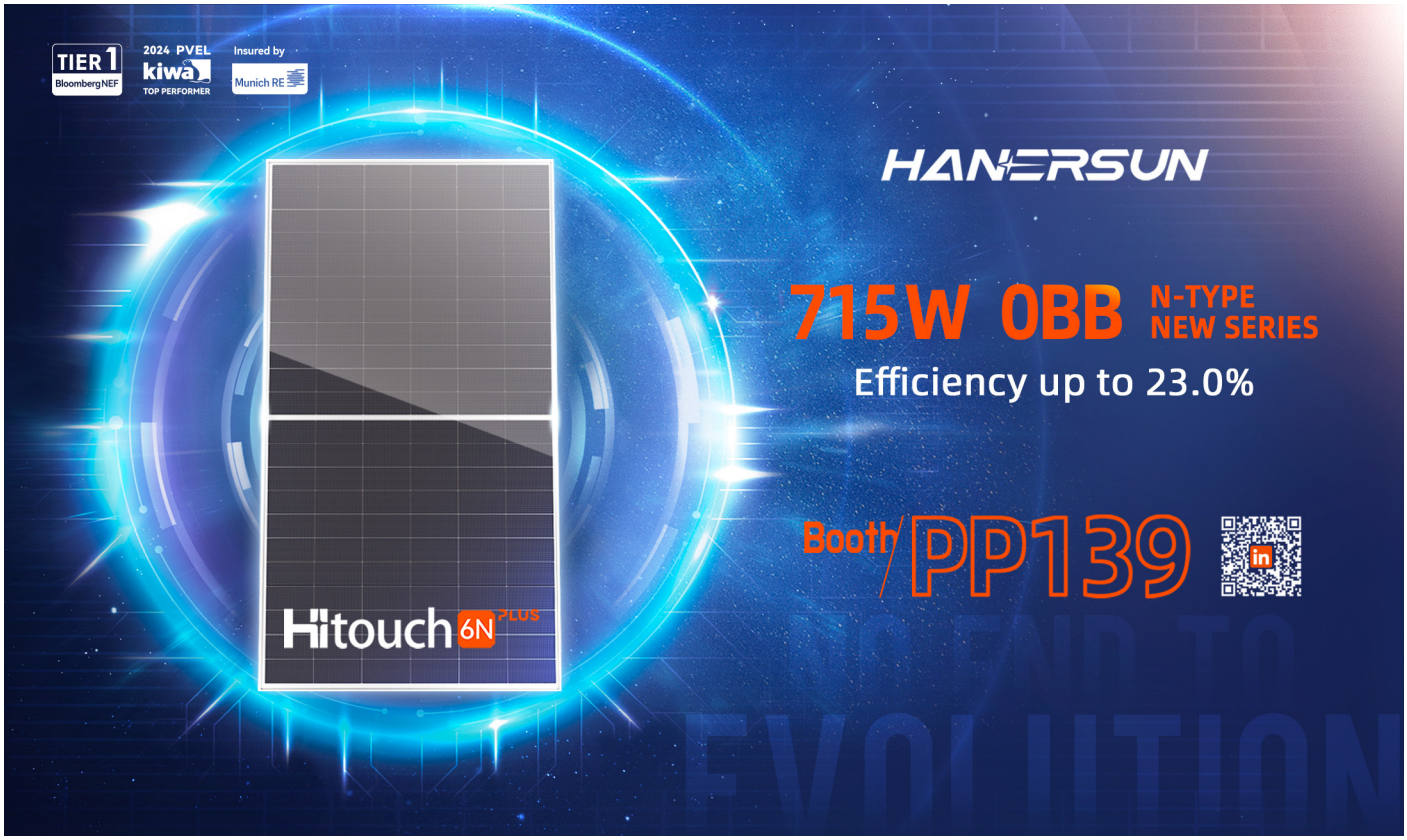

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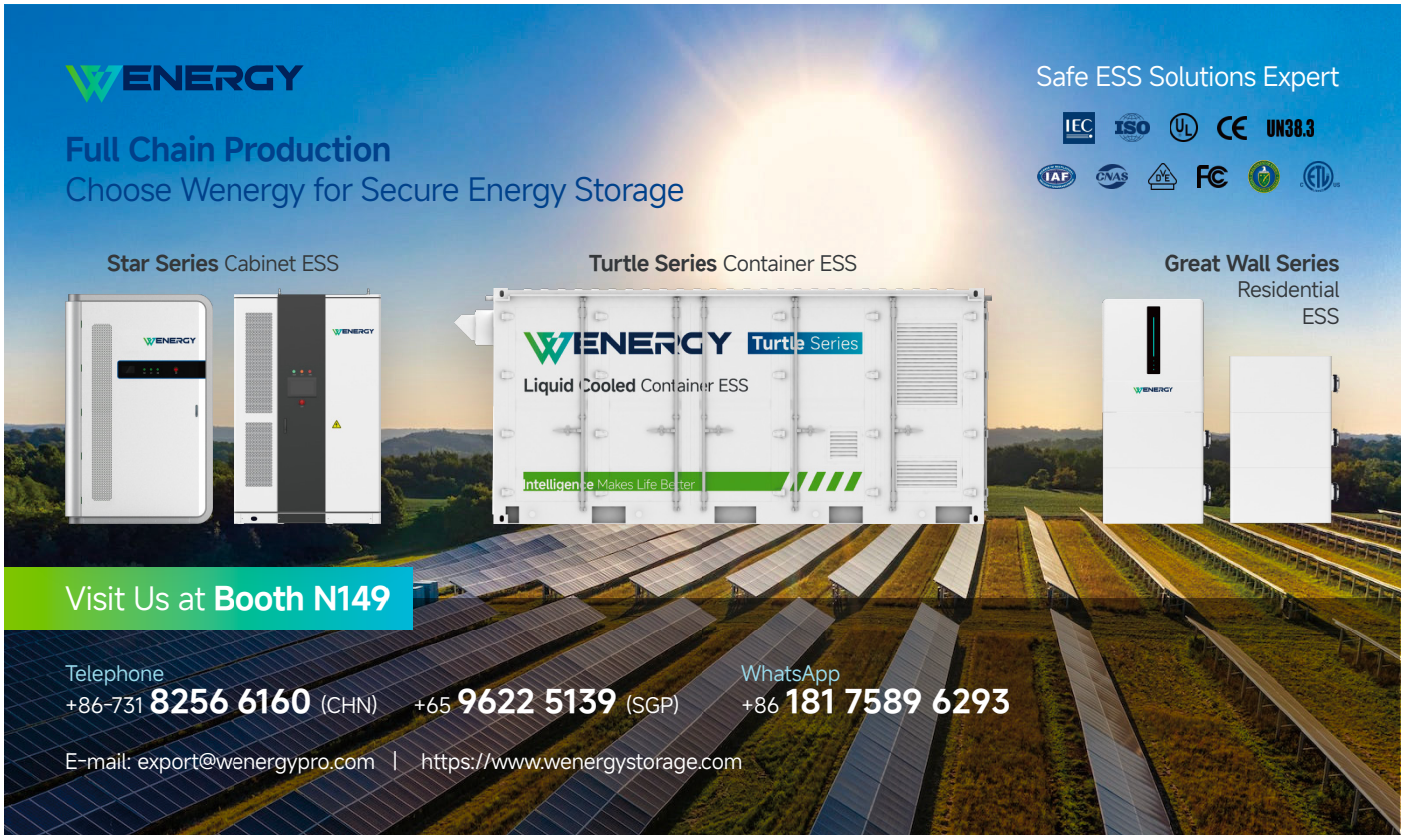
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RenewEconomy

Founded and edited by Giles Parkinson, RenewEconomy is considered a must read by industry and policy-makers, and others with a strong interest in the transition to a zero carbon economy. The goal of this website is to discuss the ideas, analyse the trends, the new technologies and the policies that will drive this transformation to a net zero economy. We also produce four regular and highly popular podcasts, Energy Insiders, Solar Insiders, SwitchedOn Australia, and The Driven podcast.

Rept Battero Energy Co Ltd

REPT BATTERO Energy Co., Ltd. was established in 2017 as the first enterprise invested by Tsingshan Industry in the field of new energy. REPT BATTERO mainly engages in the research and development, production, and sales of lithium-ion batteries, providing solutions for new energy vehicle and smart energy storage system. REPT BATTERO develops innovative products and services to accelerate the global green energy transformation.

Resun Solar Energy Co Ltd

RESUN GROUP was founded in 2005, producing high efficiency and high cost-effective mono and poly solar panels, the power range is from 5W~700W with a production capacity of 5GW per year so far. The existing manufacturing base covers an area of 47,000 sqm, with a high standard dust-free workshop and advanced assembly lines enabling full-process automation for manufacturing large modules including full cell panels and half-cut cell panels. We have two own brands: RESUN SOLAR and RESTAR SOLAR.

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Reswitch Pty Ltd

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NEW

Reuniwatt

Reuniwatt is a major player of the solar radiation and cloud cover assessment, producing solar and wind power forecasts for 15 years. Based on solid Research and Development works, the company offers reliable products and services intended for professionals of various fields, making the best out of two key facets of the meteorology: atmospheric physics and data sciences. A particular focus has been placed on solar energy forecasting, while developing cutting edge solutions to improve the short-term prediction of the solar resource.

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Risen Energy

RISEN ENERGY CO., LTD is a world-leading new energy enterprise, Risen Energy is driving global energy innovation with solar modules and photovoltaic power plants, providing sustainable energy solutions and integrated services across the globe. Risen Energy is helping the customers reach their low-carbon and zero-carbon goals. Risen Energy strives to do our part to support the global community in entering a new era of carbon neutrality!

Roypow Technology Co Ltd

With more than 20 years of combined experience in manufacturing renewable energy and battery systems, ROYPOW provides Lithium-ion Batteries covering most daily living and working fields: for Low-Speed Vehicles such as golf carts, personnel carriers; Industrial Batteries for use in Material Handling Equipment such as forklifts, aerial work platforms and floor cleaning machines as well as renewable Energy Storage Systems for residential, commercial, industrial, vehicle-mounted and marine applications.

RRACKS

We are your solar installation partner. We have many years' experience designing and producing the fastest solar mounting solutions in the industry. RRACKS™ has specialised in meeting all the manufacturers' standards such as the ASNZ 1170; which means our structures are designed to the highest degree of strength and quality. RRACKS™ has been able to continually improve the standard of our structures with our expert teams, which consists of solar experts from USA, Germany and Australia. This team has more than 25 years of collective experience in the solar EPC industry.

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INTRODUCTION

SOLARMAN
Monitored Analyzed Networked

IGEN Tech Co., Ltd., founded in 2009, a high-tech enterprise, is professional in innovative applications based on technologies of IoTs, cloud computing and big data. Being focus on energy field for 15 years, the company is committed to constructuring sustainable solutions and services into energy system, and has developed a complete solution including hardware, software and data analysis to offer smart energy for global customers.

Adhereing to green vision and better future, IGEN Tech will keep close to customer needs in energy field of the globe.

SOLARMAN is a brand of IGEN Tech, specialized in intelligent PV solutions. SOLARMAN product has been a global leading PV monitoring and management platform, which covers the whole life cycle of PV station and provides differentiated solutions for distinct users.



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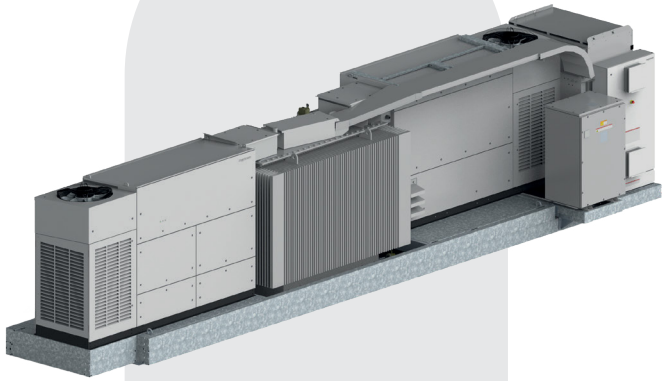

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- 4GW+ in AUS
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- OEM with 50+ years of Experience
- In house PPC / EMS
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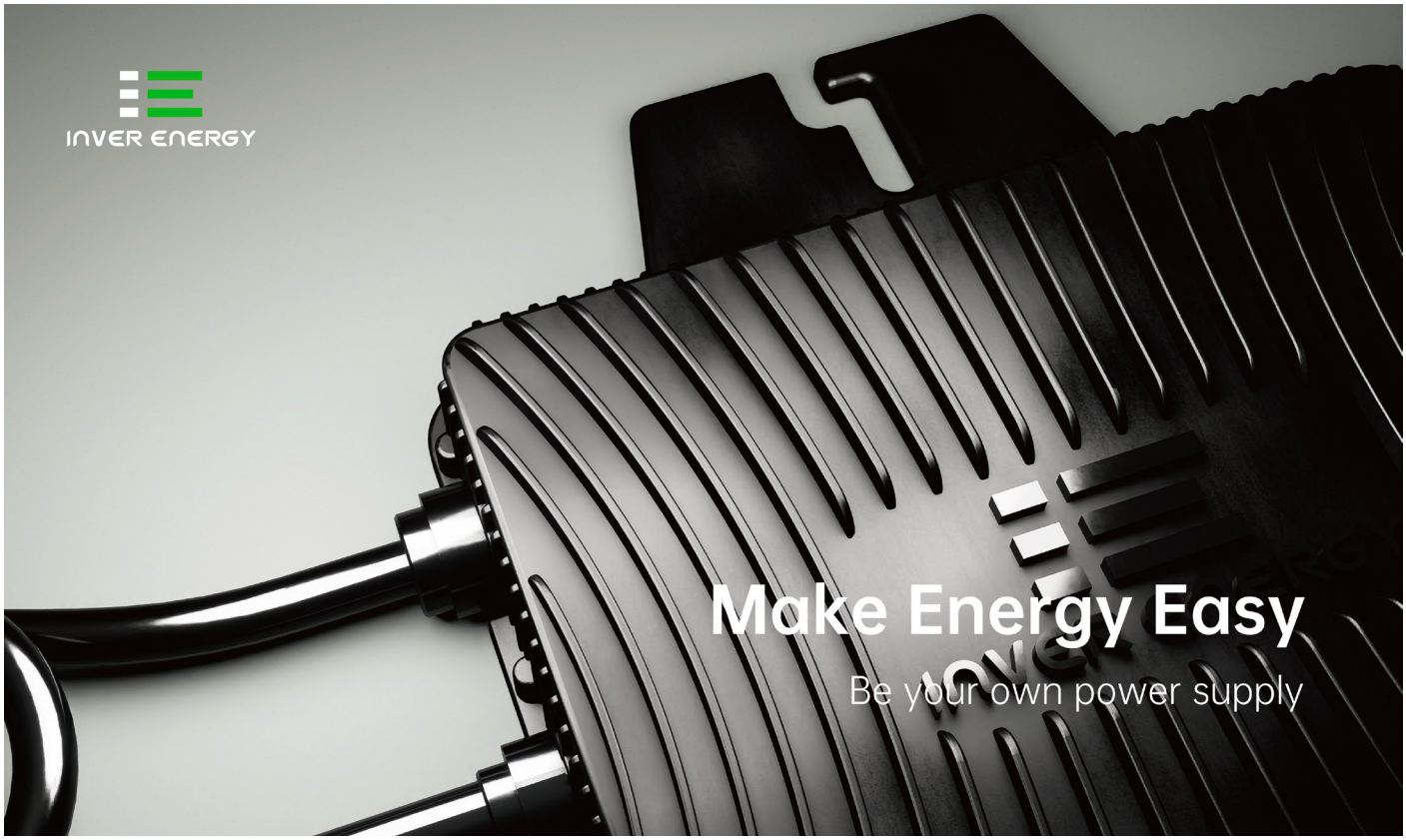
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Make Energy Easy
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istore

At iStore, we understand the growing need for clean and renewable energy sources. Leveraging our expertise in solar PV and hot water technologies, we strive to empower our clients with high-quality, reliable, and efficient renewable solutions.

Our commitment to sustainability ensures that we provide cutting-edge innovations that benefit both our customers and the environment.

Our team collaborates closely with top-tier suppliers to deliver cutting-edge products that lead the market. From advanced hot water systems to state-of-the-art solar inverters and energy storage solutions, we offer a comprehensive range of ODM services tailored to meet diverse energy needs. Experience innovation and reliability with our expertly crafted energy solutions.





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Saft

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Saru Technologies Ltd

Cloud based solar design software. Observer is the best design platform for growing solar businesses. Create high resolution solar sales proposals in under 2 minutes.

Schletter Australia

The Schletter Group is a global leader in photovoltaic mounting solutions. We manufacture mounting systems for roofs, façades and solar parks and provide PV planning tools. With an international network of production, distribution and service companies, the Schletter Group is active in all major international markets. Our brand purpose: We exist to support the solar industry for the mutual benefit and growth of all – by sharing.

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SCHNEIDER ELECTRIC

Schneider's purpose is to empower all to make the most of our energy and resources, bridging progress and sustainability for all. At Schneider, we call this Life Is On. We believe access to energy and digital is a basic human right. Our generation is facing a tectonic shift in energy transition and industrial revolution catalysed by accelerated digitisation in a more electric world. Electricity is the most efficient and best vector for decarbonisation; combined with a circular economy approach, we will achieve a climate-positive impact.

SEC Victoria

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We're partnering with industry to transform the energy sector, driving further innovation and investments in renewables. This includes an initial $1 billion towards delivering 4.5 GW of new renewable energy and storage projects – the equivalent replacement capacity of coal-fired power station Loy Yang A, which is set to close in 2035.

Sensehawk, Inc.

Headquartered in California, SenseHawk provides software-based management tools for the solar, construction, and infrastructure industries with operations in the United States, the UAE, and India. The SenseHawk Digitization Platform (SDP) SaaS helps with process optimization, automation, and asset information management. The SDP enables defect identification, construction progress monitoring, productivity enhancement, cost reduction, collaboration, and data management at various stages of the asset lifecycle.

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We are SGS – the world's leading testing, inspection and certification company. We are recognised as the global benchmark for sustainability, quality and integrity. Our 99,600 employees operate a network of 2,600 offices and laboratories, working together to enable a better, safer and more interconnected world.



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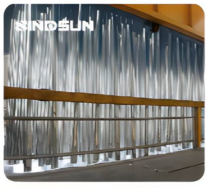
Hot-dip galvanizing line


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NN109

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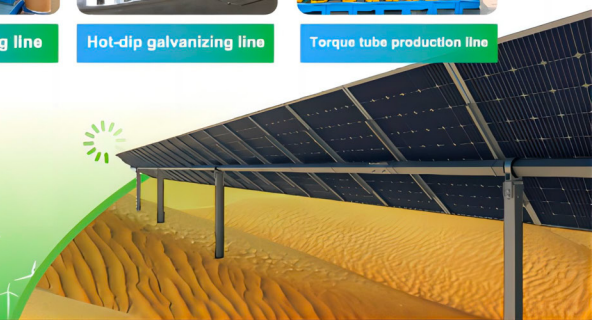


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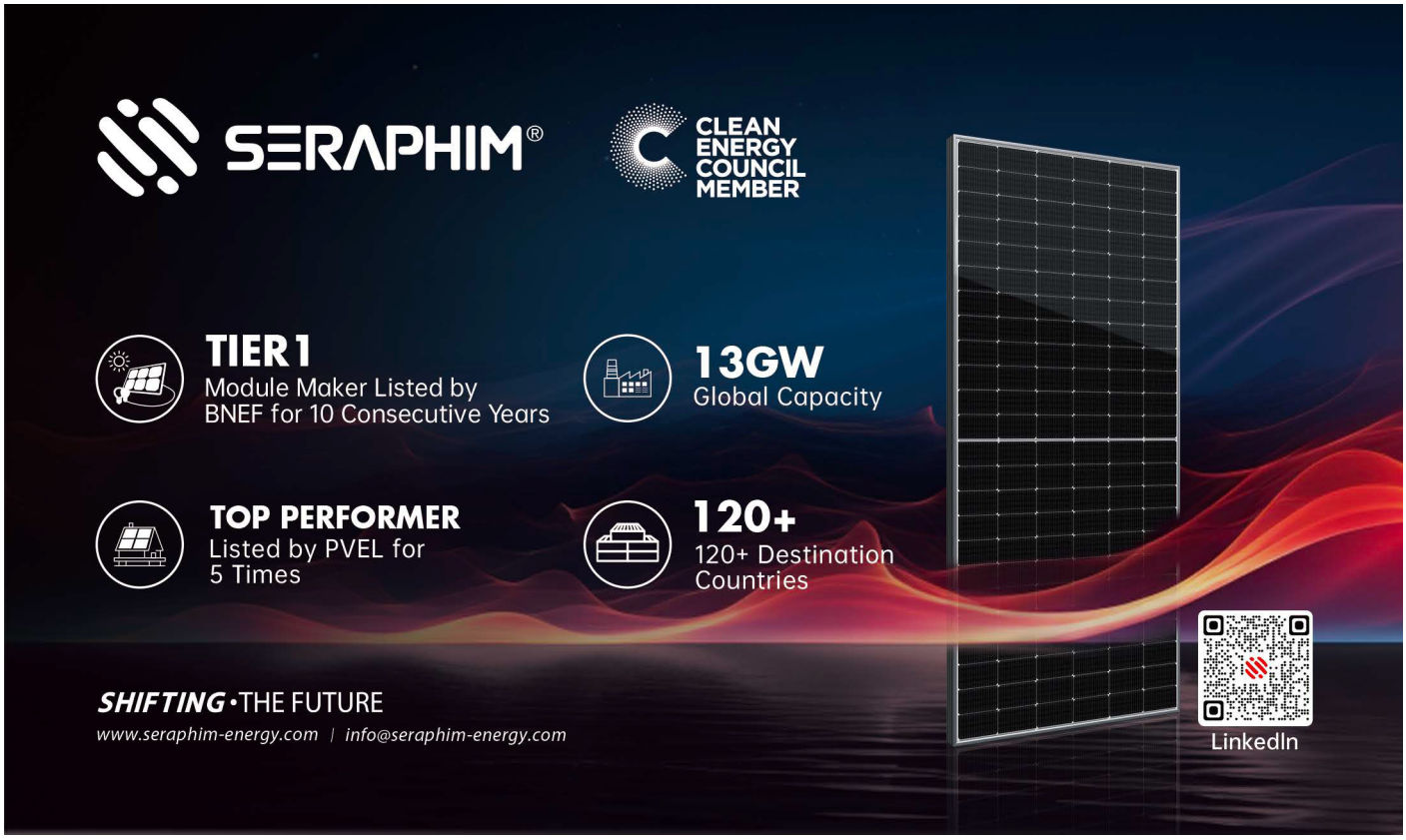
Solavita, a subsidiary of Skyworth, specializes in the research, development, manufacturing, and sales of power electronic products. As a crucial part of Skyworth's comprehensive smart manufacturing strategy, Solavita advances the PV and energy storage sectors, producing various inverters, energy storage battery packs (PACK), and integrated energy storage systems.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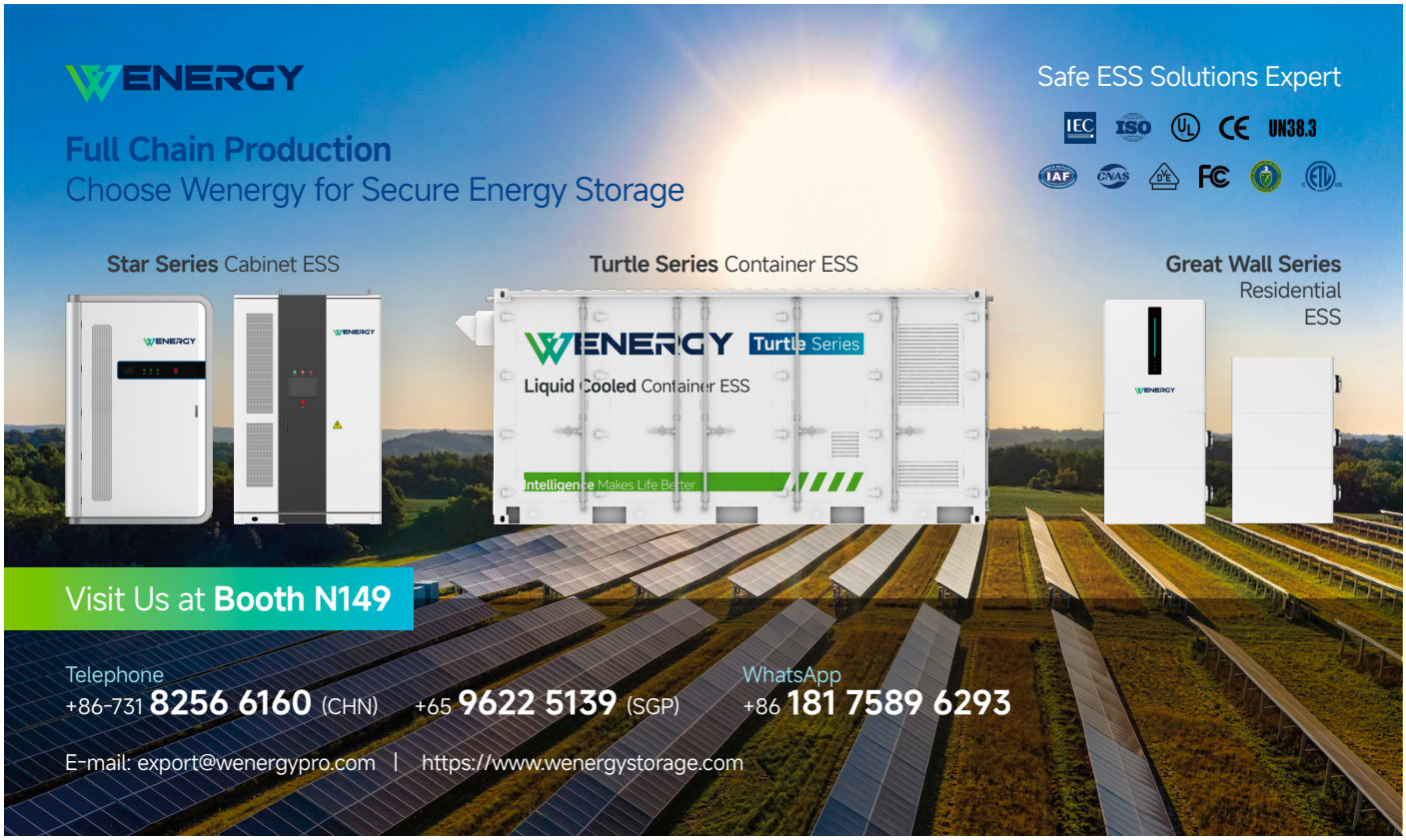

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NEW

Shenzhen Atess Power Technology Co Ltd

Shenzhen ATESS Power Technology Co., Ltd is a global supplier of solar energy storage and EV charging solutions. Based in Shenzhen, China, ATESS has a sophisticated and automated manufacturing plant. Ever since the company was founded in 2017, its products have been installed in over 85 countries around the globe. The ATESS solutions include inverters ranging from 5 kW up to 1MW, covering both residential, commercial, and utility application scenarios. The EV charger portfolio is composed of 7 kW to 480 kW AC and DC electric vehicle chargers for home and public charging stations.

Shenzhen Center Power Tech Co Ltd

Shenzhen Center Power Tech Co.,Ltd. (referred to as Vision), founded in 1994, is headquartered in Shenzhen, China. Vision is a leading global manufacturer of smart batteries, offering a wide range of battery products and possessing core technologies across the entire industry chain. Our main products include lead-acid batteries, lithium batteries, hydrogen fuel cells, and Nanoelectricity, catering to customers in industries such as telecommunications, electric vehicles, energy storage, power, UPS, IDC data centers, providing comprehensive power product applications and technical services.

NEW

Shenzhen Coslight Power Technology Co Ltd

Shenzhen Coslight Power Technology Co., Ltd. serves more than 60 countries and regions worldwide, and its products are used in various application scenarios such as power auxiliary services, renewable energy generation, industrial and commercial buildings, green energy-saving homes, data centers, 5G communication base stations, comprehensive parks and so on. Among them, the communication base station energy storage business shipments maintain the globalleading position for a long time.

NEW

Shenzhen Envicool Technology Co Ltd

Envicool is the world's leading solution provider for thermal management with its business in more than 120 countries and regions across the globe. We help our customers overcome their thermal management challenges through our tailor-made products and industry-leading solutions. Our comprehensive products specialize in energy storage systems, data centres, telecommunications as well as cold chain logistics such as vaccine transportation. Dedicating to the design and manufacturing of highly energy-efficient temperature control products, we strive to build a greener and cooler world.

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LONGTTech is a leading battery manufacturer in the field of LiFePO4 cells, Li-ion cells and Ni-MH cells and battery packs. With the strength of R&D, Manufacturing, Sales and Service. In the past 20+ years growth and development, LONGTTech passed and certified lots of Patents in Raw Materials, Cells, Battery Packs, Manufacturing and other key sectors along the Lithium batteries field. LONGTTech products are wildly used in the application of ESS, Motive Power, Lighting, Telecom and more.

GROWATT

Shenzhen Growatt New Energy Technology Co Ltd

Growatt is a global leading distributed energy solution provider that specialises in sustainable energy generation, storage and consumption, as well as energy digitalisation. The company designs, develops and manufactures PV inverters, energy storage products, EV chargers, smart energy management system and others. According to S&P Global Commodity Insights and Wood Mackenzie, Growatt ranks among the global top four PV inverter suppliers. In particular, the company is the world’s largest residential inverter supplier and also one of the top four global storage hybrid inverter suppliers.


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Shenzhen Infypower Co Ltd

Infypower is a high-tech renewable energy company that stays centered on Power Electronics, focused on customer requirements in power conversion industry, offers professional product solution and committed to creating as maximum value for customers. It has a portfolio of new energy technology products in electric vehicle charging, power module, V2G and energy storage system.

Shenzhen Kerui Power Storage Co Ltd

NEW

SOUOP and Shenzhen Kerui Power Storage Co., Ltd are built by Shenzhen Weled Power Technology Co., Ltd. (WeledPower). WeledPower was established in 2008, focusing on the power supply and backup batteries for 15 years, and has become a leading brand in the industry.

KSTAR

Shenzhen KSTAR New Energy Co Ltd

Founded in 1993, KSTAR is a leading brand in power electronics and renewable energy, specializing in data center infrastructure (UPS, batteries, precision air conditioners), modular data center solutions, PV solutions, energy storage, and EV chargers. According to IHS Markit, KSTAR ranks fifth globally in the UPS market. Headquartered in Nanshan, Shenzhen, with two R&D centers and seven manufacturing bases, KSTAR solutions are widely used across various industries.

Shenzhen Masspoint Energy Technology Co Ltd

Come and visit us at our stand.

Shenzhen Novoage Energy Technology Co Ltd

NOVOAGE, co-founded by Shenzhen Longood Intelligent Electric Co., Ltd. and Shenzhen Sinovo Electric Technologies Co., Ltd., located in the centre of Greater Bay Area – Shenzhen Bao'an District, is a high-tech enterprise focusing on R&D, production and sales of PV inverter, energy storage systems and more. The company gathers a group of senior R&D and management talents, the core team has more than ten years of power electronic product R&D experience and has deep research and technical precipitation.

NEW



Shenzhen Powealthy Times New Energy Technology Co Ltd

At Powealthy, we're passionate about energy storage and high-tech solutions for various applications. With over a decade of experience, we believe in delivering the best BESS products and services worldwide. We take pride in our state-of-the-art production facility, which has an impressive annual output of over 1GWh. We're excited about the future and look forward to continuing to provide innovative solutions to meet energy storage needs.

NEW



Shenzhen Rising Co Ltd

RISING's main products include: Low-voltage energy storage lithium batteries, High-voltage energy storage lithium batteries, Commercial and industrial energy storage systems and Portable power stations. RISING has 3 R&D teams: Lithium Battery Pack Design, Battery Management System Design, Power Electronics Design. RISING has a monthly production capacity of 15,000 sets of ESS and RISING's product is certified by TUV Rheinland and INTERTEK.

NEW



Shenzhen SOSEN Innovation Technology Co Ltd

Shenzhen SOSEN Innovation Technology Co., Ltd., a subsidiary of SOSEN Group (founded 2011, listed on Shenzhen Stock Market as 301002), excels in energy storage inverters and smart energy solutions. With a 70,000 sqm facility featuring cutting-edge equipment, we lead the global solar inverter market. Our lineup spans residential hybrids (3kW to 15kW), commercial/industrial units (30kW to 235kW), ESS solutions, and portable power stations, ensuring efficiency and reliability through continuous R&D.

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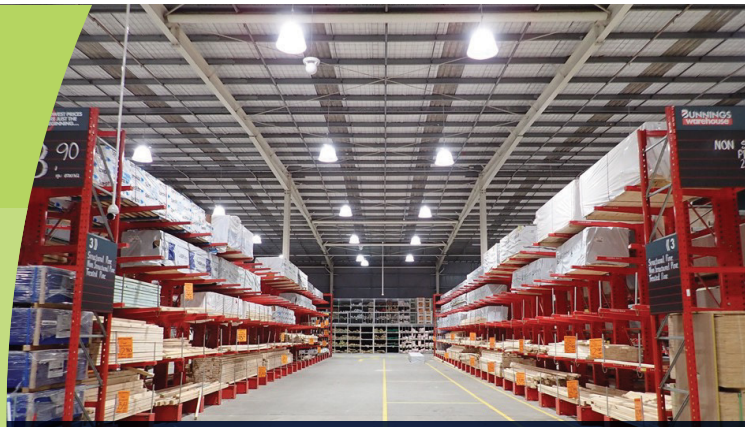

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Delivering our renewable future

Marinus Link is a proposed undersea and underground electricity and data interconnector between North West Tasmania and the Latrobe Valley in Victoria. It will enable the flow of more electricity in both directions, delivering low-cost, reliable and clean energy for customers in the National Electricity Market.

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Shenzhen Sungold Solar Co Ltd

Sungold Solar has developed a wide range of products suitable for off-grid applications, including rigid solar panels, flexible solar modules, portable solar charging kits, stained glass solar panels, and balcony solar systems, etc. Sungold also provides comprehensive solar energy solutions such as energy solutions for RVs, yachts, camping, and home balconies. Sungold products are certified for the European and U.S. markets, including TUV, FCC, CE, and ROHS, as well as impact, hail, and IEC 61701 salt spray corrosion certifications. In addition, Sungold offers customized OEM/ODM services.

NEW

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TOPBAND
CO-INNOVATING A SMARTER FUTURE

Shenzhen Topband Co Ltd

Shenzhen Topband Co., Ltd., established in 1996, is a leading provider of intelligent control system solutions. In 2007, we became the first company of our kind in China to be publicly listed (stock code: 002139). With over two decades of steadfast growth, Topband has evolved into a global leader in research and development, manufacturing and sales of intelligent control solutions. Our commitment to excellence extends across diverse sectors, including home appliances, power tools, new energy, industrial automation, and intelligent solutions.

NEW

Shenzhen UUGreenPower Co Ltd

UUGreenPower provides EV DC charging modules and energy storage power modules. We proudly offers a comprehensive range of four innovative charging solutions: "High Power DC Charging Solution," "Wallbox DC Charging Solution," "V2G Grid Interaction Charging & Discharging Solution," and "Energy Storage Charging Solution." The majority of our products have received certifications such as CE, cTUVus, UL, KC, CB, and more.

NEW

Shoals Technologies Group

Shoals is a leading provider of electrical balance of system or “EBOS” solutions for solar energy projects in the United States. EBOS encompasses all of the components that are necessary to carry the electric current produced by solar panels to an inverter and ultimately to the power grid. EBOS components that we produce include cable assemblies, inline fuses, combiners, disconnects, recombiners, wireless monitoring systems junction boxes, transition enclosures and splice boxes.

Sigenergy

Sigenergy is a forward-thinking company focusing on driving innovation in clean energy and leading the world to a greener future. We create next-generation intelligent energy solutions with optimum safety features by integrating the most advanced power electronics, digital, and AI technologies.

PLAY VIDEO

Sinexcel Inc

As a provider for core equipment of energy-interconnection, Sinexcel has been always dedicated to the solution for smart electric power to optimise the structure of power and comprehensively enhance the creativity and productivity.

SiteTech

SiteTech Safety is a market leader in supplying compliant products for edge protection and roof penetration safety. The EBracket Edge Protection System features a full range of adaptable brackets and mounts for all application and has a maximum height of 8 metres from the ground. Simplicity is at the heart of this system, which is easy to stack, easy to transport and easy to store, which makes it ideal for the commercial solar industry. Pro -Vis Safety Mesh, is the first purpose-built safety product for roof structures which contain skylights or other penetrative roof surfaces.

Skillbuild

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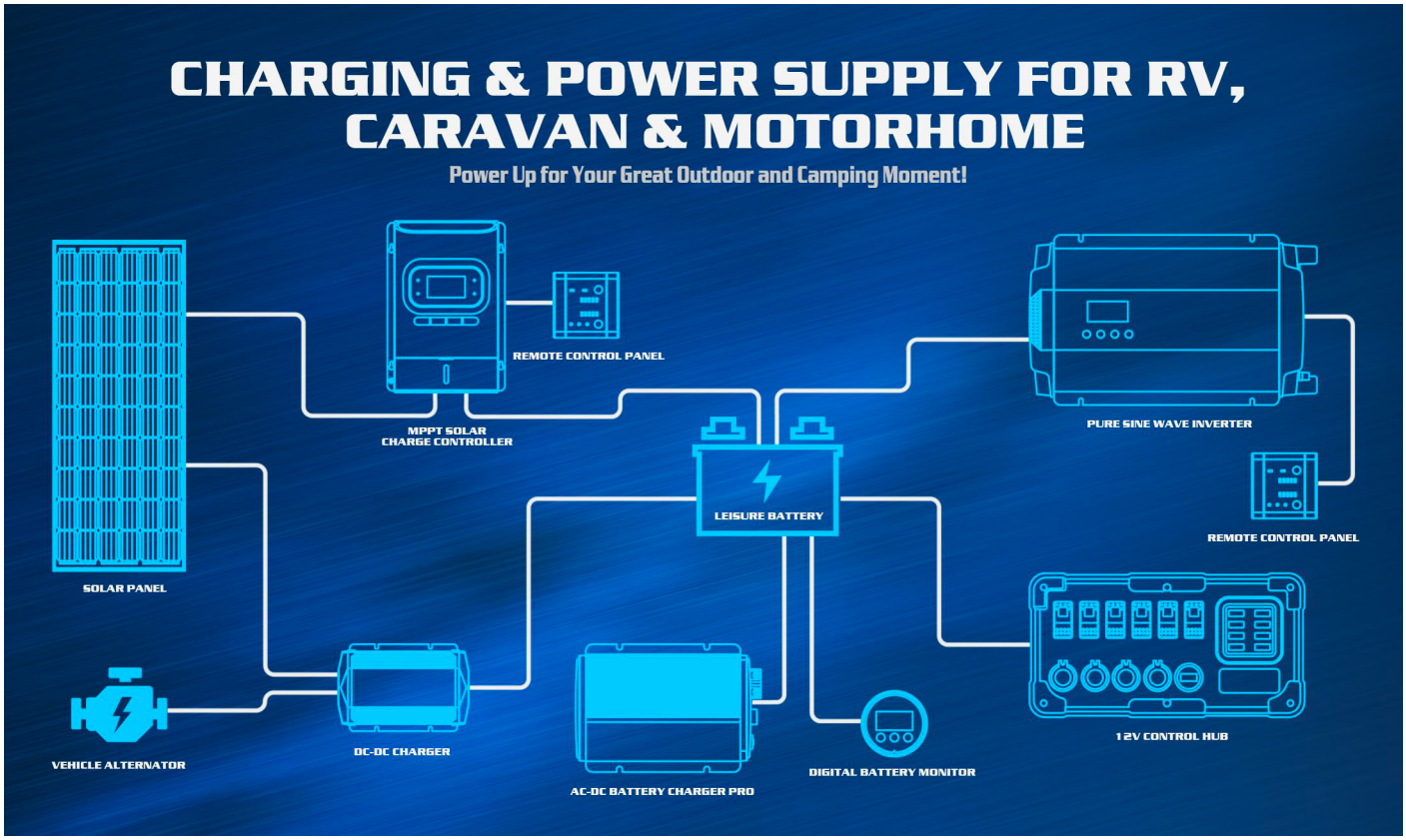
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STAND GG118

SMA Australia Pty Ltd

With over 40 years' experience, SMA is a global specialist in photovoltaic and storage system technology for residential, commercial and utility scale segments, to both on-grid and off-grid energy systems. Worldwide, the SMA Group is setting the standards today for the decentralized and renewable energy supply of tomorrow. SMA inverters been installed worldwide in more than 190 countries, with a combined total output of more than 132 GW. In Australia, SMA is one of leading suppliers of renewable energy solutions, with over 750,000 inverters already installed.

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Smart Ease is a specialist payment-solutions provider for commercial decarbonisation technologies such as solar, batteries, EV chargers and heat pumps. We deliver a full suite of options, competitive rates, fast approval and a dynamic, responsive experience. We offer businesses and organisations flexibility to choose funding arrangements that suit their business goals.

SOFAR

SOFAR is a global leading provider of solar PV and energy storage solutions. Its comprehensive portfolio includes PV inverters with a power range from 1 kW to 350 kW, hybrid inverters range from 3 kW to 20 kW, battery storage systems, utility ESS solutions, and smart energy management solutions for residential, commercial & industrial, and utility-scale applications.

Sol Distribution

Sol Distribution is an Australian owned solar wholesaler focused on the distribution of residential and commercial solar photovoltaic products. We deliver quality, reputable solar brands coupled with superior customer service. Customer First is our motto and we will go the extra mile to support our customers. We are open and transparent in our business dealings and only choose partners that work the same way.

Solar Accreditation Australia

Solar Accreditation Australia is the national accreditation operator for over 9500 renewable energy installers and designers. At the forefront of the renewable energy sector, we champion excellence and reliability. Supporting a renewable energy transition and lowering of carbon emissions, we work proactively and collaboratively with industry, government bodies, and other stakeholders. We ensure the accreditation scheme promotes best practices and encourages continuous professional development of a growing workforce to deliver clean energy solutions for Australia's households and businesses.

NEW

Solar Energy Robotics & Sol-Bright

Welcome to the future of sustainable energy; Solar Energy Robotics (SER) and Sol-Bright. We combine advanced robotics and innovative solar cleaning technology transforming Australia's energy landscape. Founded in 2017 and triple ISO certified, SER offers Automatic Robotic Cleaning System (ARCS) solutions for critical infrastructure including mining, and solar farms. Rich in experience, Sol-Bright, the world's largest manufacturer and provider of dry-cleaning ARCS solutions, has over 70,000 installations across 18 countries, covering more than 25GWp capacity.

NEW

Solar Juice Pty Ltd

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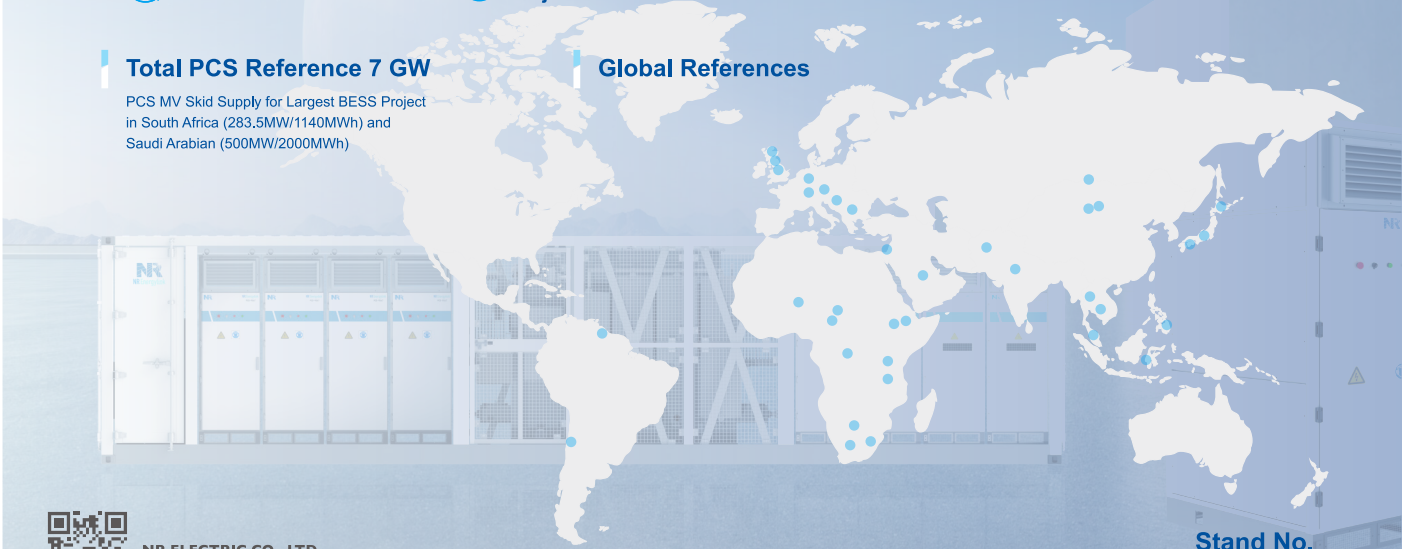
Global References



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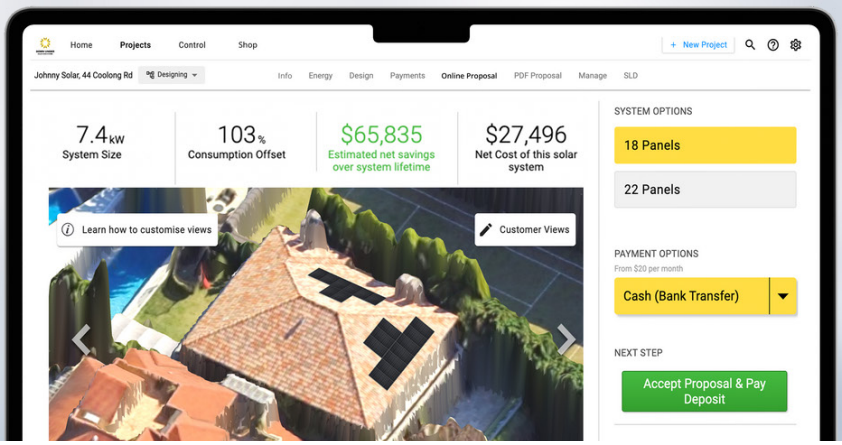

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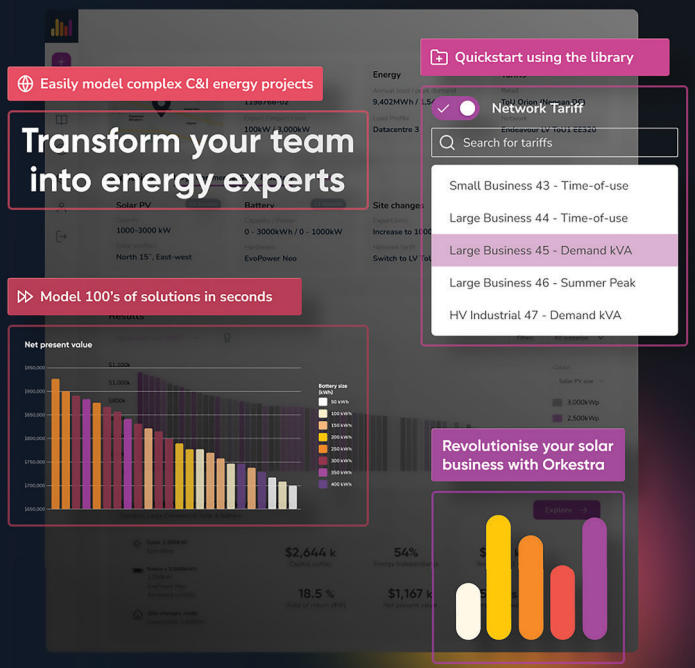

SolarEdge Technologies

The SolarEdge product ecosystem optimises solar energy generation, storage, and usage. It includes inverters, power optimisers to maximize panel output, and batteries for energy storage. The monitoring platform offers real-time performance data, while EV chargers integrate vehicle charging with solar energy. Smart energy solutions like plugs and load controllers manage consumption, and grid services support demand response programs and grid stability. Managed by intelligent software like SolarEdge Go, users can monitor and control their energy systems, enhancing efficiency and convenience.

Solargiga Energy Holdings Limited

Solargiga Energy Holdings Limited ("Solargiga Energy" stock code: 00757.HK) is a well-known photovoltaic module manufacturer. Founded in 2000.Solargiga Energy integrates research & development, production, sales & marketing and application of PV products. Solargiga Energy employs more than 3,000 staff worldwide. The company's production bases are located in Jinzhou (Liaoning) and Yancheng (Jiangsu) and has a marketing & operation centre in Suzhou (Jiangsu). We have won more than 300 national patents, and over 50 provincial and municipal scientific awards.

SolarisAI Pty Ltd

Solaris Pty Ltd is a SaaS advanced data analytics & AI platform for solar farms and large-scale photovoltaic (PV) commercial installations. The platform was developed under the supervision of Associate Professor Rahul Sharma within UQ's School of Electrical Engineering & Computer Science. The back-end O&M platforms use advanced algorithms to analyse customer data to maximize energy output by identifying faults, equipment underperformance, targeting PV soiling cleaning, curtailment, DC clipping, inverter monitoring and predictive maintenance requirements utilising AI.

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NEW





S-Rack Australia Pty Ltd

S-Rack is a Sydney-based designer, consultant and distributor of quality ground mount, rooftop and carport racking systems and project partner for the Australian, New Zealand and Pacific Islands market regions. S-Rack has a solid track record for its expertise in accurately quoting and delivering on projects Australia-wide: from resi-scale to utility-scale and from metro capitals to regional and remote locations. We work in partnership with EPCs, utility installers and wholesalers at every stage of your project to ensure it runs smoothly.



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Solis (Ginlong Technologies)

Established in 2005, Ginlong (Solis) (Stock Code: 300763.SZ) stands as the world's third-largest PV inverter manufacturer. As a global provider of solar and energy storage solutions catering to residential, commercial, and utility-scale customers, we deliver value across the solar supply chain. Operating under the Solis brand, our solar inverter product line employs innovative string technology, ensuring top-tier reliability validated through rigorous international certifications.



Solar Nerds

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NEW



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NEW



Solar Victoria

Working within the Department of Energy, Environment and Climate Action (DEECA), Solar Victoria is responsible for the delivery of the Victorian Government's Solar Homes Program – one of the most ambitious and transformative renewable energy programs in Australia.



Solarcleano S.A R.L.

SolarCleano, in partnership with Solar Shine Australia, is a leading provider of innovative solar panel cleaning solutions. Our advanced technologies and eco-friendly products ensure optimal performance and maximise energy output. With our expertise, we help solar power operators enhance efficiency, extend panel lifespan, and reduce maintenance costs. Trust Solar Shine Australia for sustainable and effective cleaning solutions that empower your solar energy investments.



Solplanet by AISWEI

Solplanet is driven by the vision of making solar energy accessible to all. As a brand of AISWEI, we manufacture high-quality photovoltaic inverters that meet international standards. Our easy-to-install, reliable, and user-friendly products cater to distributors, installers, and end users. With an annual production capacity exceeding 10GW, we are well-equipped to meet diverse demands. Our product range includes single-phase and three-phase inverters, connect & monitoring solutions, and upcoming new design Hybrid single-phase inverters.

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Specialised Solutions

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NEW

Powertech

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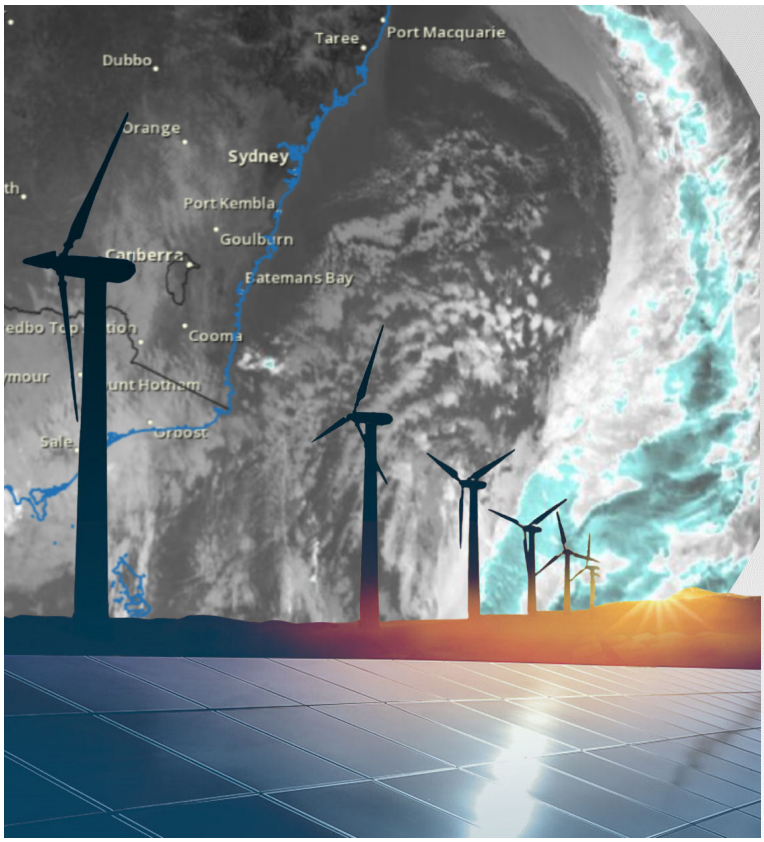
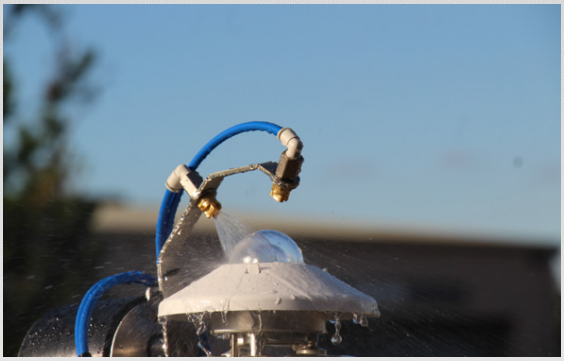


Proa

Performance optimisation and predictability of renewable energy assets with Proa's innovative weather monitoring solutions



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SRNE Solar Co Ltd

SRNE Solar Co., Ltd is full of vitality, combat effectiveness and innovation, and is a national high-tech enterprise. SRNE adheres to the business philosophy of "integrity, innovation, transcendence, and win-win", and tailor-made professional and reliable professional solutions according to the use requirements of different customers. It has also been supported and trusted by customers around the world. In many countries and regions, it has accumulated more than 100 patents in the field of photovoltaic off-grid application systems, forming a strong product force and brand influence.



Star Charge

Star Charge, is a global leader in electric vehicle charging infrastructure and microgrid solutions, that operates in 20 countries with manufacturing facilities in USA, Vietnam, and China. As a smart energy turnkey solution provider that is trusted by multiple partners around the world, we focus on developing and manufacturing innovative electric vehicle charging equipment, energy management products, and backend platforms that adhere to global standards. Notably, we've established a global call centre to ensure an elevated level of customer service.

NEW

Stemar Electrical Products Pty Ltd

Stemar provides technically sound solutions for: Instrument Transformers, Dry type transformers, Underground distribution equipment and Engineered products including Neutral Earthing Transformer cubicles, Fit out of CTs onto dead tank circuit breakers and retrofit CT Housings, Dead Tank Circuit breaker CT housings and NATA Testing. Stemar's philosophy is to be a reliable partner to its customers in providing sound economical solutions to their technical problems. Let Your Need Be Our Challenge.

STIEBEL ELTRON

STIEBEL ELTRON is a global leader in innovative, eco-friendly home comfort products. With over 100 years of experience, we are dedicated to creating homes of the future. This year, we proudly celebrate our centenary and nearly 50 years of manufacturing quality heat pumps. Servicing Australia for 30 years, we offer unparalleled service and support with showrooms and representatives nationwide. Join us to discover the quality and reliability that set us apart from the rest.

STIF Asia

STIF is a french company created in 1984 specialized in manufacturing safety equipment explosion protection since 2010. STIF has earned a solid international reputation by exporting to more than 80 countries. Following the successful launch of the explosion vent panels several years ago the company introduced a new range of products "VIGILEX ENERGY" only dedicate for the safety of BESS (Battery Energy Storage Systems). The new VIGILEX ARC VENT is designed to protect your BESS from thermal runaway and arc flash, IP65 and Atex EN 14491 certified.

Stryker

Stryker is a global leader in medical technologies and, together with our customers, we are driven to make healthcare better. We offer innovative products and services in MedSurg, Neurotechnology, Orthopaedics and Spine that help improve patient and healthcare outcomes.

NEW

SunBrush Australia – Fischer Australis

SunBrush – With the SunBrush innovative PV cleaning solution, your panels can be cleaned both effectively and efficiently. The SunBrush system consists of a joystick for intuitive control, a rotating brush with a built-in water spray system for effective cleaning, and the patented “Washtronic”, which ensures constant yet limited load on the panels, even on uneven ground. Fischer Australis – Under Panel Mowers. Chemitek Solar Cleaning Chemicals. Commercial Solar "Tube Sleds" – A racking efficiency system to reduce time, costs and manpower in the installation of torque tubes.

NEW

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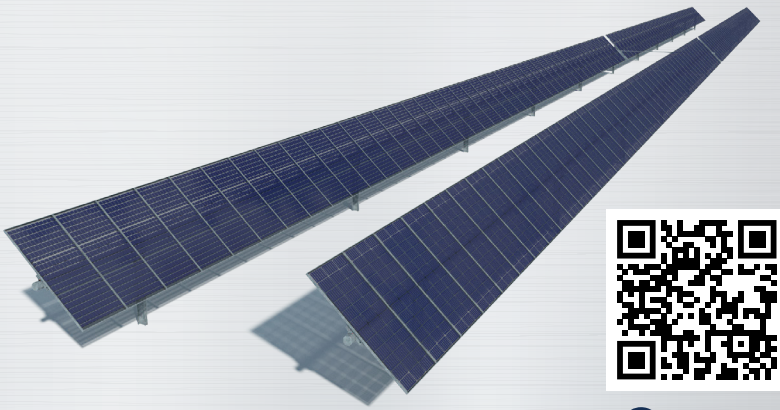

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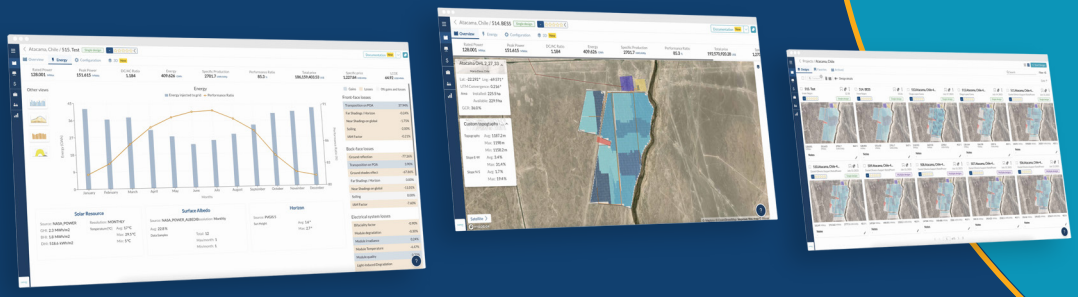

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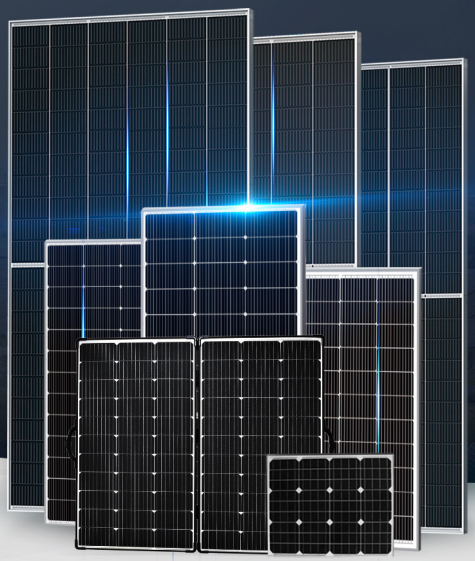

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Sungrow Power Supply is a global leading PV inverter and ESS supplier with over 500 GW of power electronics equipment installed worldwide as of December 2023. Founded in 1997 by University Professor Cao Renxian, Sungrow is a leader in the research and development of solar inverters with the largest dedicated R&D team in the industry and a broad product portfolio offering PV inverter solutions and ESSs for utility-scale, commercial & industrial, and residential applications. With a strong 27-year track record in the PV space, Sungrow products power over 170 countries worldwide.

SUNLOCK: Industry Leaders in Commercial Solar Mounting Systems

SUNLOCK is an established and trusted Australian brand, with a reputation for excellence in the Australian solar industry. As the industry leader in commercial solar mounting systems, SUNLOCK's range of solutions have set a new benchmark for efficiency, durability, and reliability. With a core focus on innovation, we constantly refine our range of solutions, ensuring our customers receive the most efficient, reliable, and durable products on the market. Our foundation is unique: built upon the first-hand experience of commercial solar installers who sought more efficient and lasting solutions.

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Sunman Energy

Powered by heavyweight industry veterans, Sunman Energy (Sunman) is a technology company delivering the future of solar. Through the research and development of proprietary composite materials, Sunman has brought to market the world's first glass-free, ultra-light crystalline-silicon solar module eArc. Replacing glass with lightweight polymer composites, Sunman and its revolutionary eArc modules are taking "PV Everywhere" and breathing life to applications that were previously impossible.

SUNPOWER

SunPower Corporation Australia Pty Ltd

SunPower from Maxeon Solar Technologies (NASDAQ: MAXN) is Powering Positive Change™. We design and manufacture Maxeon® and SunPower® brand solar panels with sales operations in more than 100 countries. The company has been a leader in solar innovation for nearly 40 years and has over 1,900 patents. Maxeon is a Signatory of the United Nations Global Compact, the world's largest voluntary corporate sustainability initiative, and has been included in the Corporate Knights' 2023 Global 100 Index of the most sustainable corporations, earning a place in the top 1% of all global companies evaluated.

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SunWiz

Sunwiz is an Australian company specializing in solar energy consulting and market intelligence. Sunwiz offers detailed market insights, reports, and data analytics to help businesses and stakeholders make informed decisions in the Australian solar industry. Our expertise supports the growth and optimization of solar energy solutions across Australia.

Sunwoda Energy Technology Co Ltd

As a subsidiary of Sunwoda Group (SZ300207), Sunwoda Energy Technology Co., Ltd. is a leading Hightech enterprise globally. With the purpose of meeting the diversified energy needs of different industry segments and customers, it devotes to the business fields of network, residential, utility,and smart energy solutions, providing integrated products and solutions such as energy storage and "source, network, load, storage and cloud integration", and building a business model of sales, investment, construction and operation of the whole life cycle.

Supply Partners

Supply Partners is an Australian owned and grown national distributor of solar and energy storage products. We are more than just a box mover. We provide a high level of technical and sales support to our customers to keep them up to date in this ever-changing renewable energy industry, focusing on offering products from diversified manufacturers that will stand the test of time. We also support Australians with local offices, warranties, service and our RTO, New Energy Training, with the aim to make renewable energy education available to more people.

Swatten

Swatten, a reputable global supplier of cutting-edge solar inverters & storage solutions for residential use, is backed by Sieyuan with a proven track record of collaborations with Beon Energy Solution, Yurika, ensuring trust and reliability. Our company is located in Shanghai, production and manufacturing facilities are located in Guangdong. With subsidiaries and offices in Australia and Europe, we provide comprehensive worldwide after-sales service. Located warehouses in Spain and Melbourne ensure swift delivery. Choose Swatten empowering you with smarter power for a better life ahead.

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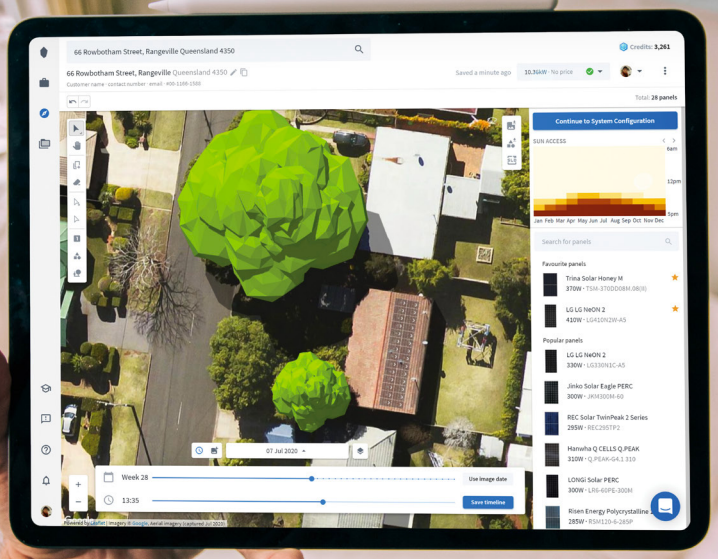

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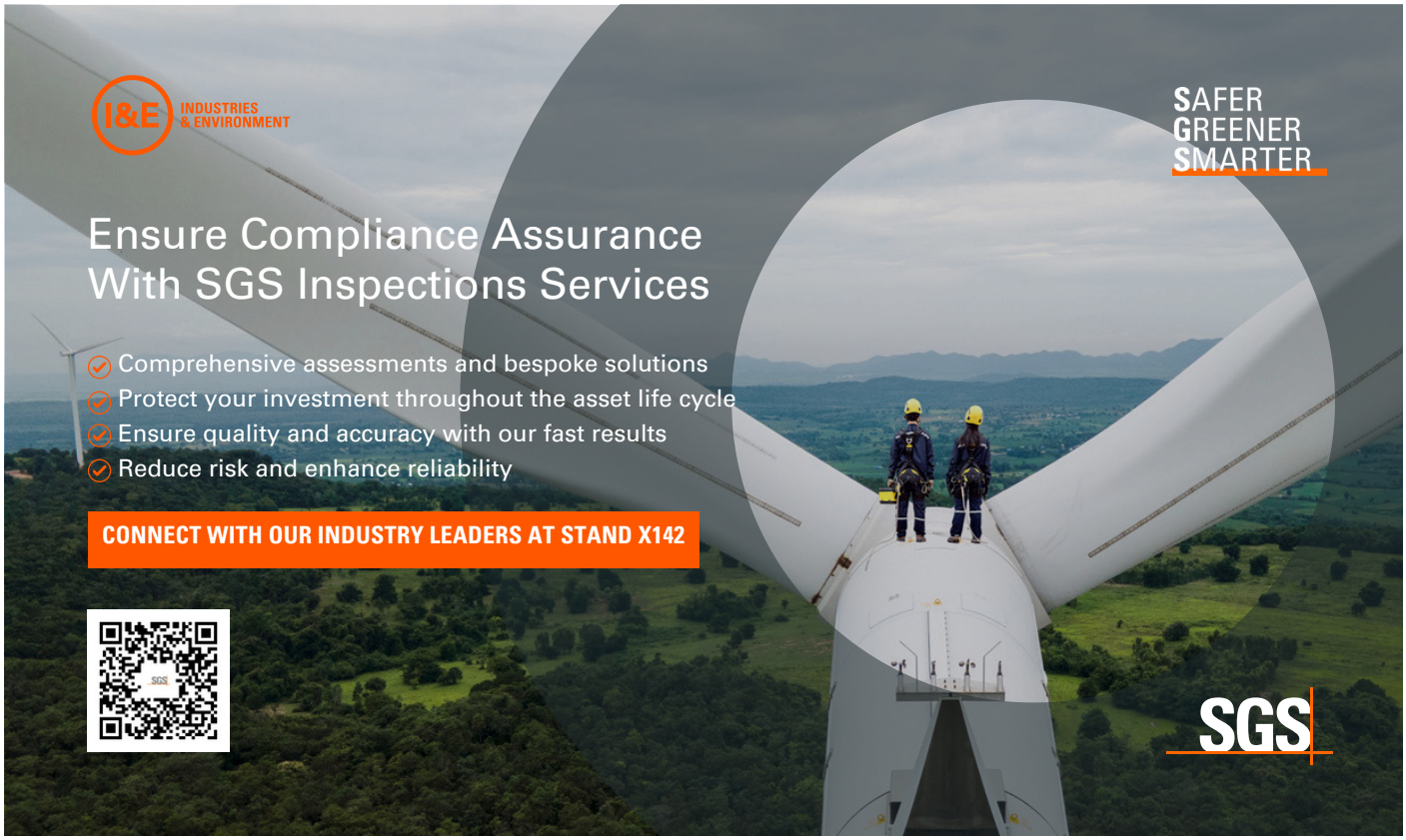
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Taizhou Phoenix Electric Hi-Tech Co Ltd

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TBB Renewable (Xiamen) Co Ltd

Founded in 2007 with location in Xiamen city, TBB Renewable is specialized in providing off-grid, mini-grid and ESS solutions. With 17 years experience, TBB Renewable has become a global solution provider in the renewable market serving clients across more than 50 countries, committed to providing one-stop power solution, including power generation, power conversion, storage, system monitoring & cloud, system accessories. Integrated all-in-one system is also available for easier and quicker installation.

PLAY VIDEO

TE Connectivity

For more than 60 years, TE Connectivity (TE) has been innovators, supporting power distribution and power transmission in a wide array of industries, applications and the harshest environments. Using our world-class engineering and materials science expertise, we're creating the next generation of smart technology to better serve you, with a legacy of trusted product lines, including Raychem, ALR and SIMEL. TE has enabled renewable power generation worldwide for more than a decade. With 200+GW of wind power and 165+GW of solar power capacity enabled TE ensures that every connection counts.

NEW





Teltonika IOT Group

As a global leader in IoT and M2M solutions, Teltonika designs and manufactures cutting-edge industrial networking hardware, smart EV charging stations, and advanced vehicle tracking systems for the global market. Leveraging the Internet of Things, we connect everything in your business ecosystem enabling centralised control and monitoring. From solar farms across Australia, to EV chargers, to self-driving vehicles and large scale automation, whatever you imagine, we make it possible.

NEW



Teplore Co Ltd

At Teplore, we are committed to accelerating the global transition to sustainable energy. Our vision drives us to be at the forefront of innovation in the energy storage sector, specifically targeting the unique needs of industrial and commercial applications. We specialize in developing cutting-edge battery energy storage systems that not only enhance energy efficiency but also contribute to a more sustainable future.





Tesla Energy

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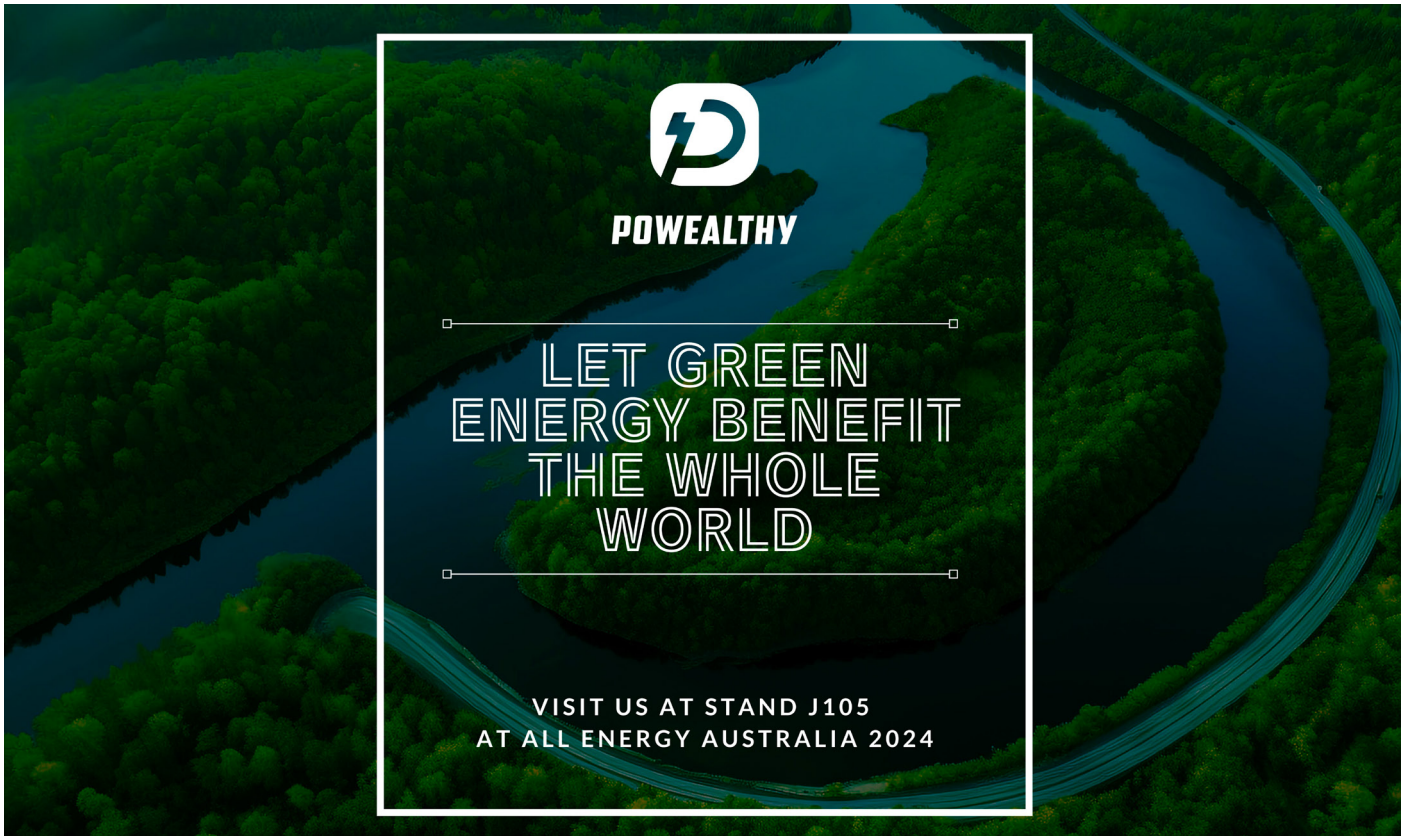

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Thermo Fisher Scientific is the world leader in serving science, enabling our customers to make the world healthier, cleaner and safer. We are the leading provider of analytical and process instrumentation, laboratory equipment, a complete range of consumables, chemicals and reagents, as well as software and services to customers within research and academia; diagnostics, medical and healthcare; biotechnology and pharmaceutical; food, dairy and beverage; manufacturing and utilities; heavy industry, minerals, mining & petrochemical; environmental gas, water and assessment technologies.

NEW

Tianchang ShengRi Solar Energy Co Ltd

Tianchang ShengRi Solar Energy Co., Ltd., established in 2014, is a new energy enterprise specializing in manufacturing and selling photovoltaic and energy storage products. The company is located in the beautiful and rich pearl of eastern Anhui – Tianchang City, Anhui Province. SR always shoulders the mission of "new energy carries the future", adheres to the development concept of "openness, innovation, cooperation and mutually beneficial".

NEW

Tindo Solar

Tindo's vision is simple, to be the most trusted company in the renewable energy industry. At Tindo, our sole purpose is to harness the potential of the Australian sun, creating sustainable solar solutions. To realise this mission, we have carefully crafted a robust vision for our company, reinforced by a set of collaborative values that guide our every action. These principles form the bedrock of our operations, influencing not only how we conduct ourselves and conduct business but also shaping our interactions with the community.

NEW

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TMC Transformers APAC Pte Ltd

TMC Transformers APAC Pte Ltd is the new business created in Singapore by TMC SpA to cater the demand for affordable, reliable, and sustainable power and distribution in Asia Pacific. TMC APAC taps on the same high technology, and pool of skilled engineers and technicians that have made TMC SpA a key-player in dry type transformers.

NEW

Tongwei Solar

Tongwei Solar, based in southwestern China, entered the PV market in 2006 and has grown into a fully integrated PV enterprise, covering the entire industry chain. It is the first and only PV enterprise listed in the Fortune Global 500. Tongwei leads globally in polysilicon sector with a 650,000-ton capacity and has topped global solar cell shipments for seven years, with a 95 GW capacity. In late 2022, Tongwei entered the module business and ranked fifth in global shipments by 2023, with a capacity of 75 GW. Tongwei serves clients in over 40 countries with modules for various scenarios.

Toyota Australia

From hybrid to battery to hydrogen, Toyota Australia is exploring a multi-pathway of low and zero emission technologies to power vehicles while continuing to meet customer needs. The evolving hydrogen ecosystem presents a tremendous opportunity for a variety of applications.

NEW

TradeConnex

TradeConnex offers seamless labour hire services in the renewable energy sector, providing white-collar and blue-collar roles at competitive rates. We simplify recruitment for renewable energy projects, ensuring clients stay on time and manage workforces efficiently. Our deep industry understanding allows us to anticipate client needs, delivering stability and consistency through a comprehensive database of screened workers.

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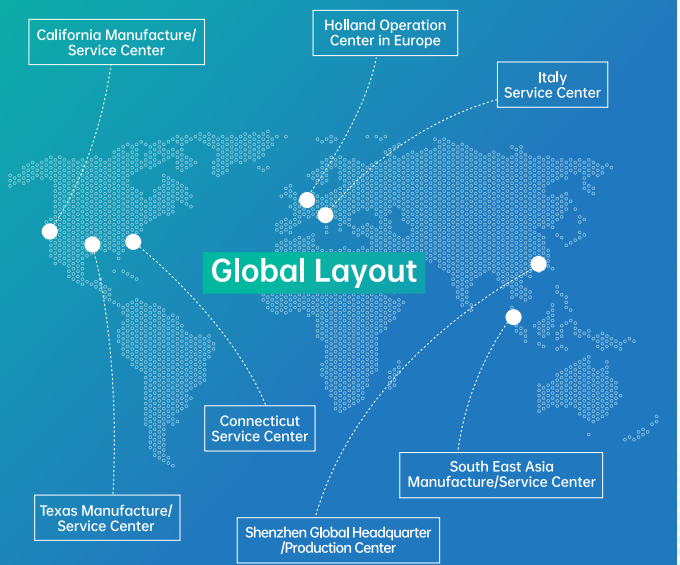

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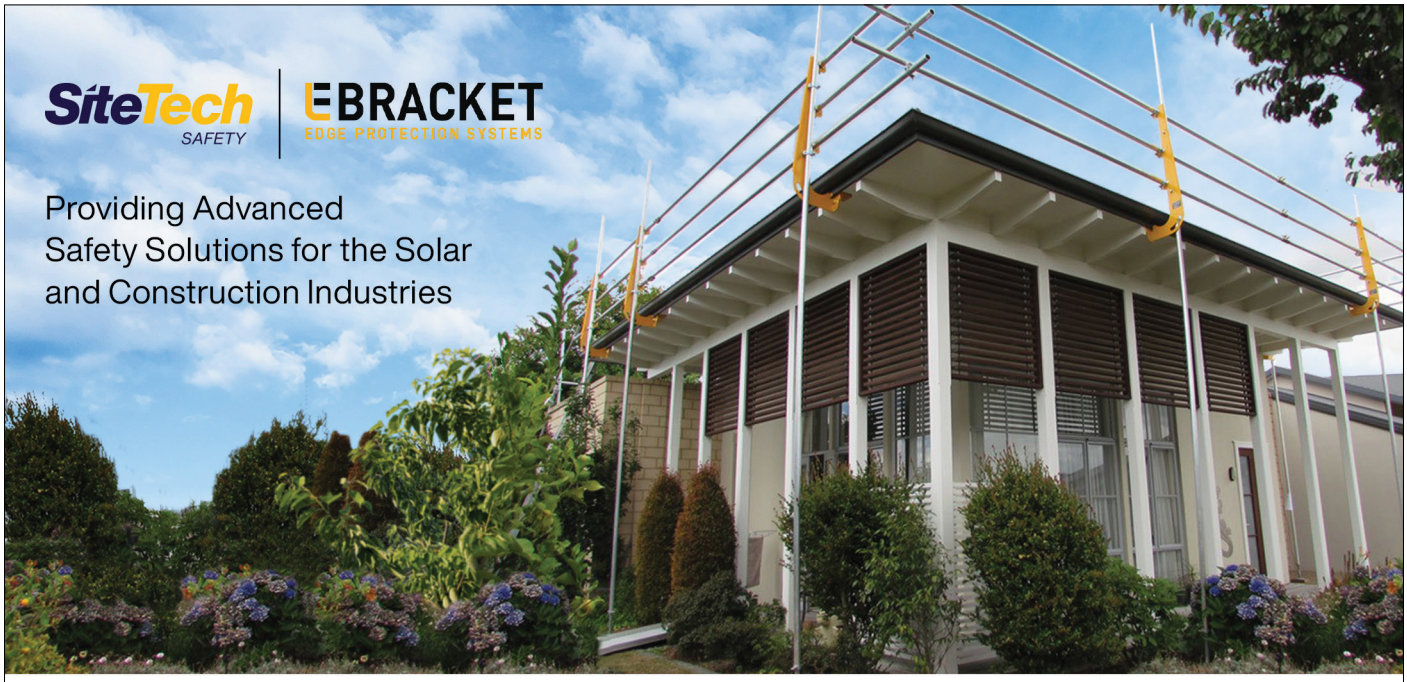

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Energy Storage & Micro-grid Solutions

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Since our first order being placed in 2015, Tradezone has grown to be Australia's largest Online Electrical Wholesaler. Via our powerful website, Tradezone has the ability to simplify the entire sourcing and order process for Electrical and Solar Contractors by offering: live visibility of our extensive SOH, detailed product information, consistent and competitive pricing and trackable deliveries Australia-wide. Locations in Melbourne, Gold Coast, Adelaide, Sydney, Perth and coming soon to Brisbane!

Transformers and Rectifiers India Ltd

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Trina Solar Australia Pty Ltd

Founded in 1997, TrinaSolar Co., Ltd. (stock symbol: TrinaSolar; stock code: 688599) is mainly engaged in PV products, PV systems and smart energy. PV products include R&D, production and sales of PV modules. PV systems consist of power stations and system products. Smart energy mainly comprises PV power generation and operation & maintenance, smart solutions for energy storage, smart microgrid, and development and sales of multi-energy systems. We are committed to leading the way in smart solar energy solutions and facilitating the transformation of new power systems for a net-zero future.

Trinity Touch

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TÜV Rheinland

TÜV Rheinland stands for safety and quality in virtually all areas of business and life. We are one of the world's leading testing service providers. TÜV Rheinland's highly qualified experts test technical systems and products around the world, support innovations in technology and business, train people in numerous professions and certify management systems according to international standards. To learn more about our services, please visit our website.

Univers Pte Ltd

Univers, the leading decarbonization technology provider with 240M+ connected devices and 660GW+ managed energy assets, accelerates energy transitions and helps organizations achieve sustainability goals. Powered by AI operating system EnOS™, Univers integrates OT and IT, connecting carbon monitoring, accounting, and offsets to energy management across renewables, batteries, buildings, and transportation. Univers provides real-time data and analytics to reduce energy usage and emissions, offering intelligent solutions for renewable asset management and more.

Universal Cables Limited – MP Birla Group

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NEW

Victorian Government

The Victorian Government is committed to 95% renewable energy by 2035 and net-zero emissions by 2045, supported by 6.3 GW of energy storage by 2035 and 9 GW of Offshore Wind Energy by 2040. We work with the renewable energy industry, energy networks and retailers, and consumer groups to attract and facilitate investment in renewable energy and energy efficiency, support the development of new energy technologies and provide energy services to consumers at least cost.



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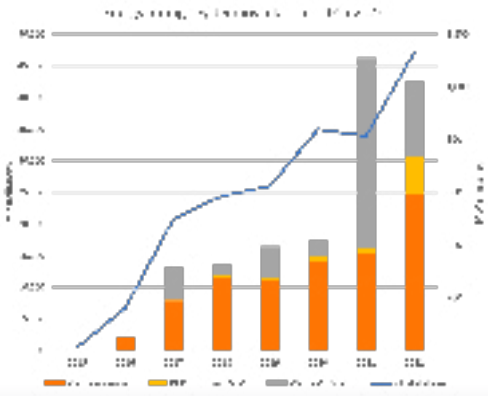

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Luminate content provides users with solar and battery market knowledge. Covering volumes, retailers, segments, market share and pricing of popular panel, inverter and ESS brands.

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TOMORROW'S ENERGY, STORED TODAY

This report is based upon countless hours of interviews with market leaders, SunWiz-exclusive datasets, plus extended research and modelling. It provides unprecedented transparency into what is otherwise an opaque market.

ANNUAL PV REPORT
SOLAR CHRONICLES: YEAR IN REVIEW

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* Based on claiming the STC's, Victorian energy efficiency certificates (VEECs) and Solar Vic Hot Water rebate. Eligibility criteria applies, all rebates are paid subject to the terms and conditions of the agency managing those programmes. Warranty – Wi-Fi Controller 8 years, Compressor 8 years & Tanks up to 15 years.

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Victron Energy BV

For almost fifty-years we've been known for building reliable inverter/chargers, solar charge controllers, DC-DC converters; and for our world-class monitoring and control apps for the Industrial, Marine, Mobile, Off-grid, Backup and Energy Storage markets. At this year's show we're putting the spotlight on some ground-breaking solutions which become possible with our products and software. Allow us to show you the power that could be in your hands!

Weidmuller Pty Ltd

Weidmuller supports customers worldwide by providing cutting-edge products and technical expertise to achieve clean energy goals. With successful delivery to over 3 GW of utility-scale renewable energy projects in Australia and more than 30 GW globally. Weidmuller is a reliable technology partner, ideal for large-scale renewable projects. Our flagship combiner boxes, communication interfaces, and weather station interface boxes offer a seamless installation solution, while our extensive range of components ensures long-term supply of spare parts throughout the operations and maintenance phase.

PLAY VIDEO

Welling and Crossley

Welling & Crossley is Australia's trusted diesel generator and engine specialist. Australian owned and operated since 1926, we are an internationally recognised Australian leader in the manufacture and supply of diesel generating sets for industrial or commercial applications. We also have a complete range of portable generators, inverter generators, back up generators, portable water pumps, diesel engines and fire products.

Wenzhou Onkak Impex Co Ltd

The company has more than 20 years experience in supplying low voltage electrical products and PV components. The factory, with ISO9001:2015 Quality Management System certified, has professional engineers and advance laboratory facility to carry out electrical and mechanical tests for the products under manufacturing and developing. The R&D team is always engaged in constant innovation to offer comprehensive selection for commercial, industrial, residential project where quality is essential. The factory has strong capability of independent innovation and gets twenties of patent right.

NEW

Westrafo

Westrafo is a leading company in the electromechanical industry with a direct presence in Europe, Africa and North America. The product portfolio includes a wide range of solutions for the energy industry, such as power transformers and converter transformers, Medium Voltage Stations, Battery storage containers: the products can be customised for different applications such as photovoltaic, wind, hydrogen, energy storage and various types of other industrial use.



Winline Technology (Changshu) Co Ltd

As a global provider of EV charging solutions, Winline Technology focuses on R&D and manufacturing of electric vehicle charging modules and EV chargers, energizing the power utilization and efficiency conversion in the field of new energy. As of the end of 2023, over 800,000 charging modules and nearly 300,000 DC EV charging terminals are providing services for EVs in nearly 40 countries and regions worldwide.

NEW



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Wuhan Fiberhome Fuhua Electric Co Ltd

FiberHome FuHua, founded in 2008, is a premier manufacturer and solutions provider specializing in Smart Energy and Smart City innovations. Our comprehensive range includes EV chargers, portable power stations, ESS (energy storage systems), UPS (uninterruptible power supplies), lithium batteries, microgrid solutions, and intelligent power generation solutions. Distinguished by substantial investments in R&D and cutting-edge product design, we have forged alliances with academic institutions. Committed to enhancing global sustainability, we are dedicated to shaping a brighter future for all.

NEW



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Presents

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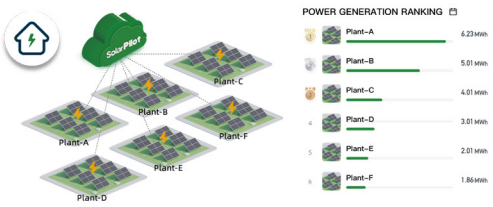
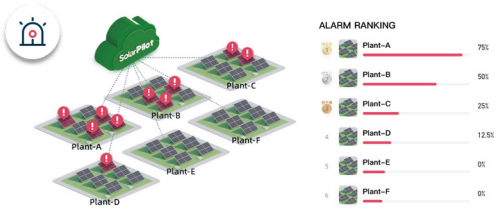
SolarPilot

Powerful Plant Data Analysis on SolarPilot SaaS

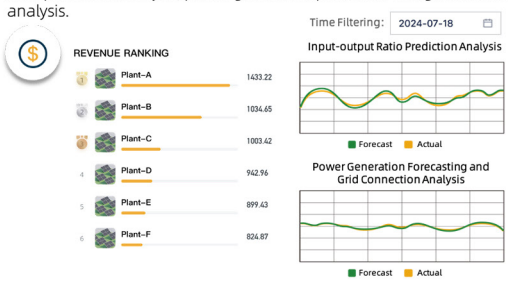
1. Multi site management, comparative analysis of site power generation ranking (supporting filtering criteria such as date and time).



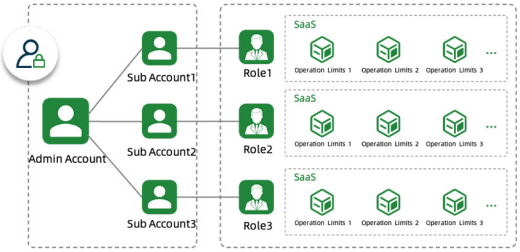
2. Ranking of problem, failure rate, and alarm rate statistics.



3. Ranking of revenue operation data for each power station. Input output ratio prediction analysis, power generation prediction and grid connection analysis.



4. Hierarchical authorization management logic for Admin & Sub accounts.



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Wujun Chongqing Solar Co Ltd

Wujun Chongqing Solar Co., Ltd. was established in Dec. 2020 and is located in Jiangjin District, Chongqing City, it covers an area of about 900 acres and has a total investment of about 3 billion yuan. Wujun Solar focuses on the production of high-quality PV glass cover backplane and high-performance PV module products, relying on the industry's leading technical management and operation advantages, and is committed to providing each customer with high-quality and professional service, so as to jointly create a better green future.

NEW



Wuxi City Qunxing Wire & Cable Co Ltd

JOCA Group has 3 national laboratories, more than 65 technical engineers, and professional production, warehousing and logistics central control system. Jiukai Special Cable (Shanghai) Co., Ltd mainly produces highly flexible towline cables, HV & LV cable, special cable and PV cable. The company's products have successively passed UL, CE, EN, TUV and DEKRA certification. It exported to more than 55 countries and regions.

NEW



Wuxi Solinteg Power Co Ltd

Solinteg, a leading technology and innovative-thinking enterprise, provides advanced and optimized energy storage solution to integrate solar energy to grid intelligently. Driven by cutting-edge technology and its own MORE platform, Solinteg provides PV inverters, battery, smart terminal, monitoring device and EMS service with reliable and outstanding performance. Solinteg has deployed global sales channels and customer service centers, committing to delivering intelligent, safe, cost-effective and sustainable clean energy to residential, commercial and industrial users all over the world.



Wuxi Sun King Energy Technology Co Ltd

SUNKEAN is a leading player in renewable energy sector, providing comprehensive solutions for solar, energy storage and charging. We specialize in the R&D, production of photovoltaic cables, energy storage cables, EV charging cables and related harnesses. Products have obtained various market-required certifications like UL, ETL, cUL, TUV, S-JET, PSE, CQC, CPR, CE, RETIE, and RoHS. We are committed to offering our global customers complete photovoltaic solutions and actively participating in solar projects' investment, system integration, and construction in overseas markets.



Wuxi Suntech Power Co Ltd

Suntech Power was established in 2001 with its headquarters in Wuxi, and it is a pioneer in the global photovoltaic industry. With 23 years of experience in module manufacturing, it has ranked first in global module shipments for many years, with a cumulative shipment history exceeding 50GW. Suntech has always been committed to improving product conversion efficiency, continuously strengthening the research and development of new technologies and the improvement of production processes.

Xiamen Ampace Technology Limited

Ampace stands as a globally acclaimed innovator in new energy technologies, committed to delivering green energy solutions with ultimate user experience to forge the world ahead and empower a better life. In the realm of energy storage, e-mobility, power tools, vacuum cleaners, drones, and more, Ampace has established extensive strategic partnerships with industry leaders. Ampace is renowned for providing new energy products and services characterized by ultimate safety, reliability, performance, and user experience, serving over 41 million customers in 29 countries and regions worldwide.

NEW

Xiamen Energy Star ESS Development Co Ltd

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NEW

Xiamen Hithium Energy Storage Technology Co Ltd

HiTHIUM is a leading manufacturer of top-quality stationary energy storage products for utility-scale as well as commercial and industrial applications. With more than 30GWh BESS projects shipment up to date. HiTHIUM took the top 5 global market shares and was ranked as the Tier 1 BESS supplier. The company is headquartered in Xiamen, China, with locations in Shenzhen, Chongqing, Munich, Dubai, New York and California.

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Solar-LIT offers full-scenario, one-stop intelligent cleaning solutions to photovoltaic power stations. By integrating robotic hardware, software, and comprehensive services, Solar-LIT helps solar plants to enhance energy production efficiency and achieve intelligent O&M that saves time, effort, and worry. Solar-LIT's robots have been accredited by TÜV, SGS and other prestigious agencies. The reliability is also proved by convincing track records across the globe. To date, Solar-LIT has served projects of over 18 GW in regions including the Middle East, Central Asia, China, and South America.

NEW

Xiamen Mars Rock Science Technology Co Ltd

MARS ROCK founded in 2006 who is a high-tech enterprise dedicated to providing complete solar power solutions. Our solutions cover residential and commercial power, as well as solar energy storage systems. On this exhibition, we will launch a 2.5KWH solar energy storage system. It adopts a VDE certified 800W micro inverter and MPPT energy storage controller with foldable and extendable balcony bracket.

NEW



Xiamen UpBest Energy Technology Co Ltd

UPBEST is a pioneering leader in Building Integrated Photovoltaics (BIPV), dedicated to revolutionizing sustainable building solutions. Discover our latest BIPV technologies and product innovations. Learn how our solutions enhance building aesthetics and energy efficiency. Engage with our experts to explore partnership opportunities and project collaborations. Gain insights into the future of sustainable architecture and urban planning.

NEW

Xingdong Lithium Battery Technology Co Ltd

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NEW

Xylo Systems Pty Ltd

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NEW

Yingli Green Energy Australia Pty Ltd

Yingli Solar has been a leading manufacturer of solar PV modules since 1998. Featuring world class technology, high-quality workmanship, and robust construction, our panels are designed to withstand harsh Australian conditions. Our warranties are supported through our 100% Australian-owned company based in Sydney, as they have been since 2012, so you can rest assured that your solar system will be supported throughout the entire warranty term. As demand in Australia grows for renewable energy solutions, we remain committed to our mission of providing affordable green energy for all.

Zhejiang Aiko Solar Energy Technology Co Ltd

Is a global-leading new energy technology company, focusing on the R&D manufacturing of solar generation products and PV-Storage-Charging integrated solutions, providing customers with solar cells, ABC (All Back Contact) modules and scenario-based packaged solutions. With the mission of "Empowering transformation towards a carbon-free era", AIKO keeps on persuing extreme innovation and cutting-edge technology.

Zhejiang Benyi Electrical

BENY is a fast-developing new energy company founded in 2011. It provides protective components, EV chargers, and Microinverters rooted in its 30-year track record of power electronics technology, offering high protection capability, premium efficiency, and user-friendly technologies. BENY is committed to providing high-quality products, services, and innovative solutions to help customers achieve their renewable energy goals. Its mission is to empower individuals and organizations to harness renewable energy for a more sustainable future. For more information, please visit our website.

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LEARN MORE

Zhejiang Cardiff Cable Co Ltd

ZheJiang Cardiff Cable Co., Ltd. have cooperated with global famous enterprises, during the time we've accorded requirements of customers made the great quality cable which including standard EN, VDE, UL, JIS, we get the leading skill for cables. Cardiff Cable staff will do our best for quality, technical, economy to provide comprehensive cable solution for your all requirements, then reduce your costs of application and development.

NEW

Zhejiang Hite Smart Energy Co Ltd

As a leading Chinese BESS manufacturer, Hite Smart Energy is a holding subsidiary of Shanghai Hite Control System Co., Ltd (established in 1994). The company possesses 3 R&D centres, 2 manufacturing bases & 1 joint venture company. With the total annual production capacity 16GWh, 4GWh of our systems have been delivered worldwide. We prioritize customer support, offering 24/7 assistance and competitive pricing. We adhere to Australia laws and guarantees. Our certification allows us to deliver across Australia, and our strong partnerships with large Virtual Power Plants (VPPs) enhance our reach.

NEW

Zhejiang Hyxi Technology Co Ltd

HYXiPOWER is a high-tech renewable energy company that focuses on smart PV & ESS, and integrates research & development, manufacturing, and sales. Its core products include photovoltaic inverters (micro-inverters, string inverters, and hybrid inverters), portable power stations, residential and C&I energy storage systems, and intelligent energy management systems and more.

NEW

PLAY VIDEO

Zhejiang Narada Power Source Co Ltd

Zhejiang Narada Power Source Co.,Ltd., which has long been dedicated to the development and application of energy storage technology and products, provides products, system integration and services based on lithium battery in the field of new energy storage and industrial energy storage, and has created the whole industrial chain from lithium battery manufacturing, system integration, operation services to lithium resource recycling, forming an integrated and energy storage centred landscape and constructing the whole energy storage industry ecosystem.

Zhejiang Sunohoo Technology Co Ltd

Zhejiang Sunohoo Technology Co., Ltd proactively is a national new high-tech enterprise that focuses on R&D, manufacture and sales of off-grid and hybrid solar inverters and energy storage products. We have more than 45+ R&D staffs for solar energy storage products, and more than 300+ workers at factory. We provide our business partners the one-stop-solution all over the world.

NEW

Zhengzhou LP Industry Co Ltd

Zhengzhou LP Industry Co Ltd China, professional manufacturer of magnet wires since 1993. Main Product: enameled aluminum wire, enameled flat aluminum wire, enameled copper wire, paper covered wire, fiberglass covered wire, film covered wire, enameled copper clad aluminum wire, kapton wire and more.

NEW

Zhuhai Pilot Technology Co Ltd

Pilot is a leading global provider of digital energy solutions, which is dedicated to developing energy monitoring devices, software systems, smart EV charging solutions, and BESS solutions. Over the past decades, Pilot has collaborated with authorities and industry partners to create a secure and sustainable energy future. We have empowered public buildings, data centers, healthcare, education, electronic semiconductors, transport, and industrial enterprises to accelerate the Net-Zero carbon process.

NEW

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goEV

Zip EV Pty

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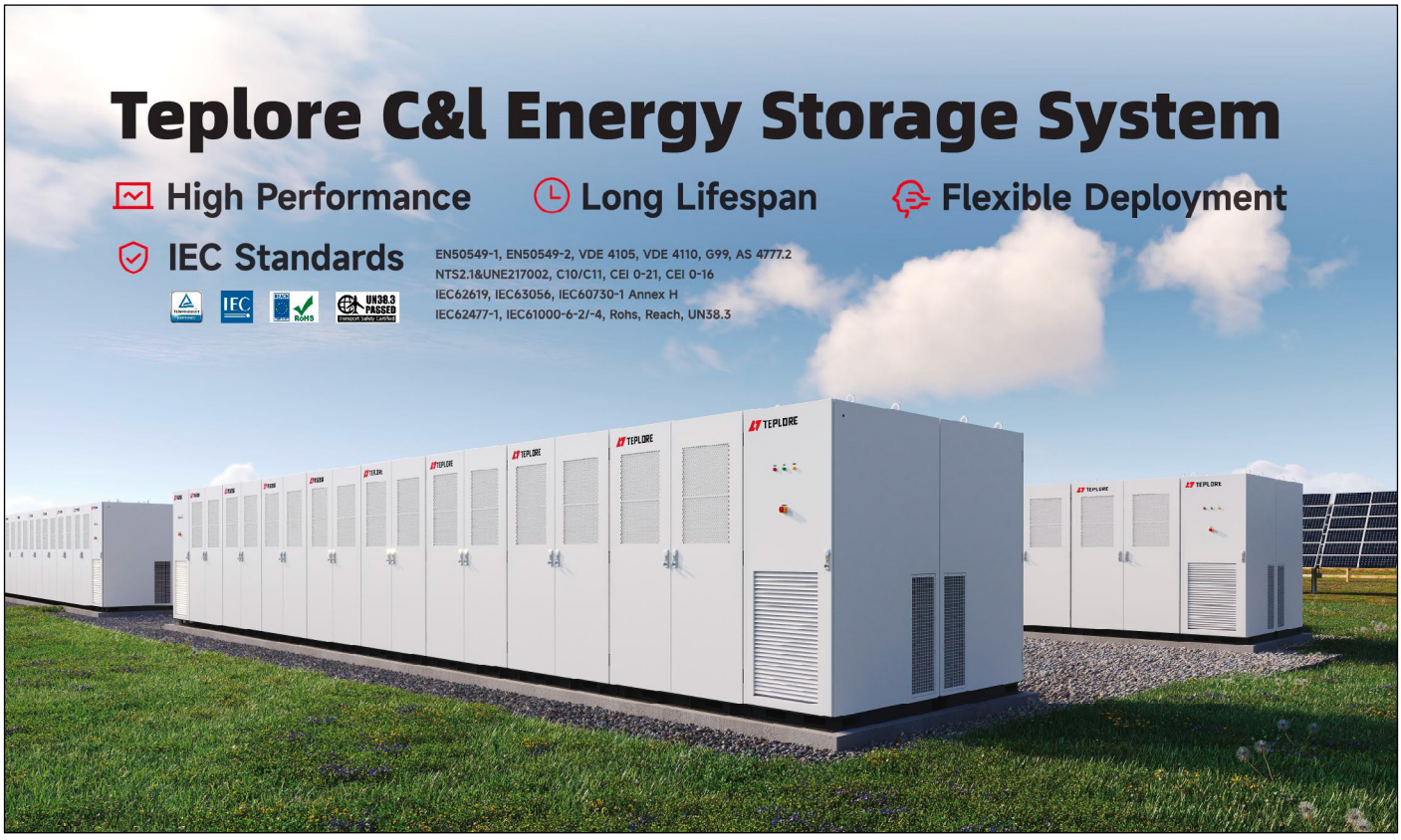
IEC Standards

EN50549-1, EN50549-2, VDE 4105, VDE 4110, G99, AS 4777.2
NTS2.1&UNE217002, C10/C11, CEI 0-21, CEI 0-16
IEC62619, IEC63056, IEC60730-1 Annex H
IEC62477-1, IEC61000-6-2/-4, Rohs, Reach, UN38.3



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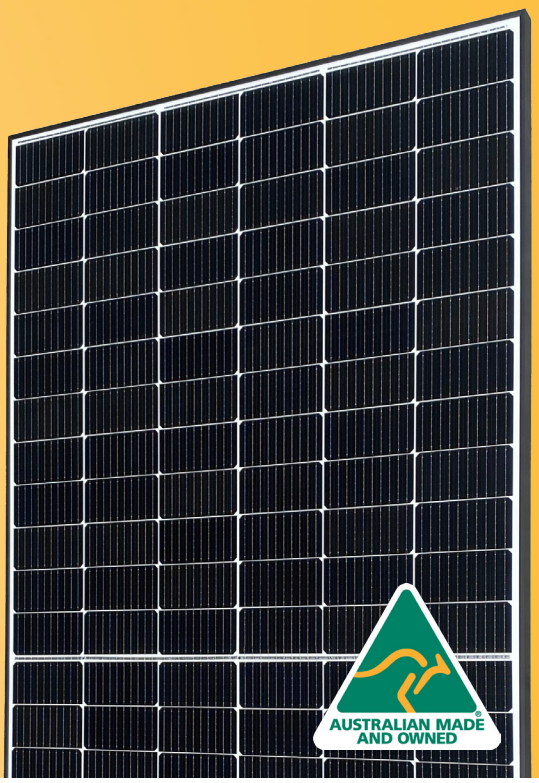

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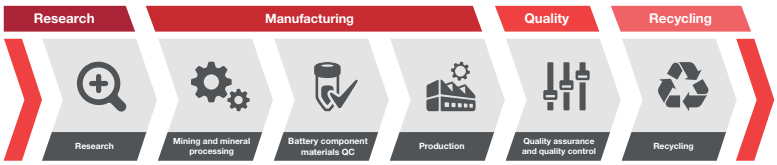

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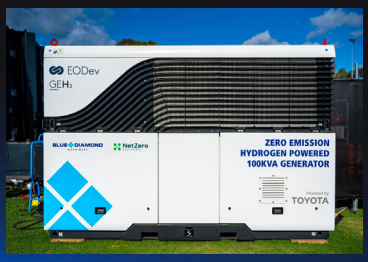

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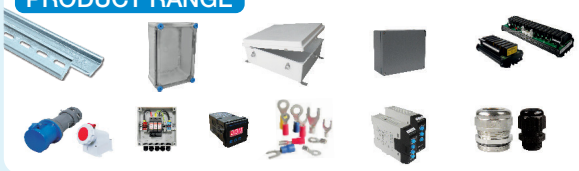

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N-type 182-72

Cell size	N-Type 144 (2*72)	Operating Temperature	-40~+85℃
Module size	2278*1134*30mm		
Glass thickness	2.0mm	Power Range	575W-600W
Module weight	32.1kg	Static Load	Snow load 5400Pa, Wind load2400Pa
Frame	Truck with a height of 17.5m can hold 900 PCS PV module, 40'HQ hold 720 PCS PV module.		



N-type 182-78

Cell size	N-Type156(2*78)	Operating Temperature	-40~+85℃
Module size	2465*1134*30mm		
Glass thickness	2.0mm	Power Range	620W-645W
Module weight	34.6kg	Static Load	Snow load 5400Pa, Wind load2400Pa
Frame	Truck with a height of 17.5m can hold 828 PCS PV module, 40'HQ hold 476 PV PCS module.		



P-type 182-72

Cell size	P-type182*91mm	Operating Temperature	-40~+85℃
Module size	2279*1134*30mm		
Glass thickness	2.0mm/2.0mm	Power Range	525W-560W
Module weight	31.6kg	Static Load	Front-3600Pa,1.5,Rear-1600Pa,1.5
Frame	Truck with a height of 17.5m can hold 900 PCS PV module,40'HQ hold 720 PCS PV module.		



P-type 182-78

Cell size	P-type182*91mm	Operating Temperature	-40~+85℃
Module size	2465*1134*30mm		
Glass thickness	2.0mm/2.0mm	Power Range	580W-600W
Module weight	34.6kg	Static Load	Front-3600Pa,1.5,Rear-1600Pa,1.5
Frame	Truck with a height of 17.5m can hold 828 PCS PV module,40'HQ hold 720 PCS PV module.		



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With its headquarters located in Xiamen, Fujian, with an investment exceeding CNY 10 billion, Ampace is built on an area of over 111.33 hectares. The company is known with world class R&D and manufacturing of a complete chain Li ion battery products a from "Cell-Battery Pack-System Integration" , and has obtained of authoritative certifications, such as CNAS/ISO17025 and IATF16949 qualifications. In addition, Ampace is capable to meet a wide range of customer requirements through its intelligent manufacturing matrix including highly customized manufacturing platform, advanced real-time intelligent data analysis, and fully automated processes.

In the realm of energy storage, e-mobility, power tools, vacuum cleaners, drones, and more, Ampace has established extensive strategic partnerships with industry leaders. The company is renowned for providing new energy products and services characterized by ultimate safety, reliability, performance, and user experience, serving over 41 million customers in 29 countries and regions worldwide.

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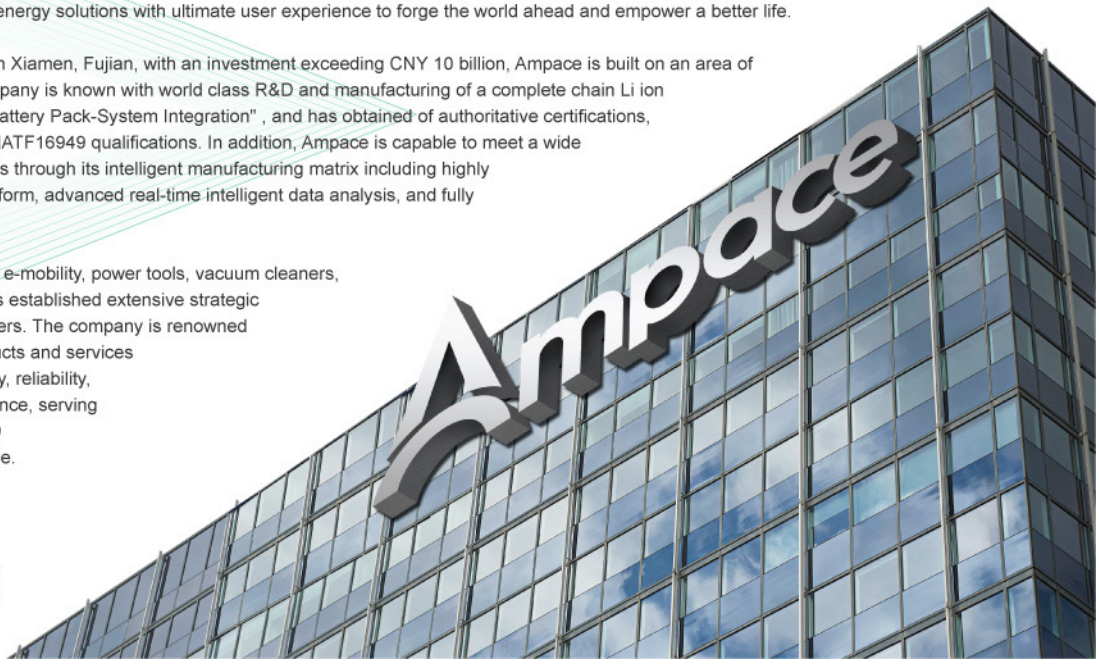



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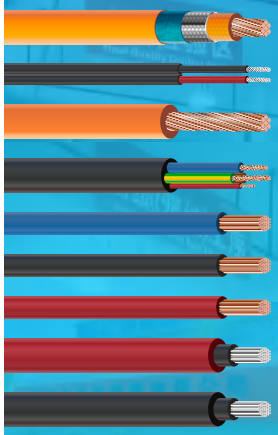

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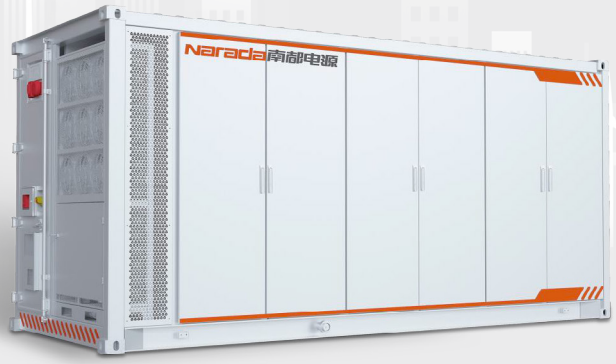

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Technical Parameter		
Conductor	Copper and Aluminum	
Dimension	Copper	Diameter: 0.016~7.0mm
	Aluminum	Diameter: 0.16 ~ 9.2mm
Thermal Class (℃)	130(Class B); 155 (Class F); 180 (Class H); 200 (Class C); 220 (Class C+)	
Standard	IEC, NEMA, GB, JIS	
Packing	Copper	PT-4~PT-200 or Ply-wood spool
	Aluminum	PT-15~PT-270 or Ply-wood spool
Application	Transformer; Motor; Generator; Modern Instrument; Welding Machine and so on	

ENAMELED RECTANGULAR WIRE

Technical Parameter		
Conductor	Copper and Aluminum	
Dimension	Copper	Thickness(a): 0.3--10.0mm; Width(b): 1.0--22mm
	Aluminum	Thickness(a): 0.3--10.0mm; Width(b): 1.0--25mm
Thermal Class (℃)	120; 180; 200; 220; 240	
Standard	IEC, NEMA, GB, JIS, UL	
Insulation thickness	Heavy, Quadruple	
Packing	30kg ~150kg ply-wood spool (250*400 / 250*500 / 250*600 / 250*730)	
Application	Transformer; Motor; Generator; Modern Instrument; Welding Machine and so on	

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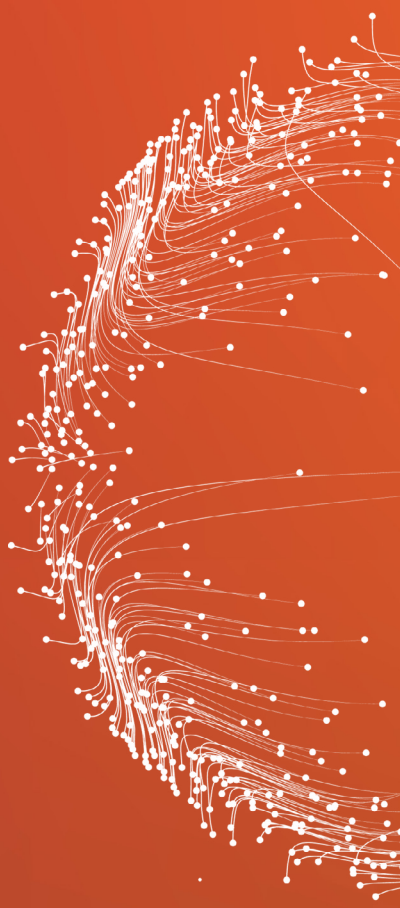

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