

## European Solar and Energy Storage Solutions

# Redearth energy storage French Polynesia



## Overview

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Who is Redearth energy storage?

The way we make and distribute electricity is changing, and centralised power and the grid are having trouble finding a cost-effective solution. Enter RedEarth Energy Storage. This Brisbane-based startup provides Australian made electricity storage systems to residential and commercial customers in Australia.

Will Redearth be Australia's first EV charger manufacturer?

"RedEarth will be the first Australian EV charger manufacturer to be producing bi-directional chargers locally. In addition, we will pave the way for EV owners to be incentivised with additional revenue streams to power the grid and to reduce their reliance on grid electricity by using RedEarth's private power plant ecosystem."

Is Redearth a good alternative to centralised power?

RedEarth not only provides an alternative solution to centralised power, but in many cases a more economic one. "You can imagine everyone gets home, turns the air conditioning on and cooks dinner. This is already a load and the whole network has to be designed to supply that load without tripping it. It gets pretty expensive," Chris says.

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### BlackMax

RedEarth Energy Storage (RedEarth) is proud to announce its BlackMax Solar Power System as the first ever Australian-made off-grid battery energy storage system (BESS) to be approved by Australia's Clean Energy Council (CEC), making it the most advanced and compliant Australian-made off-grid system on the CEC list.

### RedEarth Energy Storage Company Profile

RedEarth Energy Storage is an energy storage company. It designs and builds solar battery systems to improve sustainability, energy freedom, and kerb appeal for retail and commercial clients in both on-grid and off-grid systems.



**Efficient  
Higher Revenue**

**Intelligent  
Simple O&M**

**Flexible  
Abundant Configuration**

- Max. Efficiency 97.5%
- Max. PV Input Voltage 600V
- 100% Peak Output Power
- 2 MPP Trackers, 100% DC Input Overvoltage
- Max. PV Input Current 15A, Compatible with High Power Modules
- IP66 Protection Degree: support outdoor installation
- Smart 1° VC Curve Diagnosis Function: locate PV string faults accurately and automatically detect faults
- DC/AC Surge SPD: prevent lightning damage
- Battery Reverse Connection Protection
- Plug & Play, EPS Switching Under 10ms
- Compatible with Lead-acid and Lithium Batteries
- Max. 6 units Inverters Parallel
- AFCI Function (Optional): when an arc fault is detected the inverter immediately stops operation

### RedEarth Boosts Energy Storage With Multi-carrier SIMs

Following a market evaluation, RedEarth teamed up with Thinxtra to leverage its comprehensive platform and multi-carrier SIM cards, ensuring flexible and reliable real-time connectivity and data transmission from battery energy ...

**redearth.energy - Put the power back in your hands. Australian ...**

RedEarth Energy Storage acknowledges the traditional custodians of the lands on which we operate and throughout Australia, and their continuing connection to the land, water, and culture. We pay our respects to ancestors and Elders past, present, and future.



## Australian-Made V2G/V2H Chargers to Launch in 2025

RedEarth Energy Storage and ambibox have partnered to manufacture bi-directional V2G/V2H EV chargers in Australia 3 Phase versions are expected to be available by mid 2025. Single phase late 2025. zecar has covered ambibox V2G/V2H testing in great depth eg: BYD Atto 3 Bidirectional Charging (V2H and V2G) Successfully Trialled

## Tahiti to replace spinning reserve diesel generators with 15 ...

Kokam Co Ltd will supply a 15-MW/10.4-MWh battery energy storage system (BESS) that will act as a virtual synchronous generator in Tahiti, French Polynesia, serving the triple purpose of reducing diesel fuel consumption, ...



## BushChook

activated via RedEarth's EMU app (subject to network availability and Optimum subscription).  
Energy trading On-grid only EV charger Yes  
TITANIUM MEMBER 45001:2018 14001:2015  
Weight Up to 110kg + 42.5kg per battery H  
1040mm D 580mm W 1180mm - STC rebate



eligible - EV charger ready - Energy trading ready  
The 2024 BushChook includes:

## SMA installs French Polynesia's first integrated PV-plus-storage

Solar inverter manufacturer SMA will supply German grid operator TransnetBW with feed-in data from regional power installations to alleviate grid bottlenecking issues as home-consumption and



## RedEarth Company Profile 2024: Valuation, Funding & Investors

The company specializes in the field of energy storage, designing and building professional battery systems to improve sustainability, and energy freedom with on and off-grid systems for their customers, enabling customers with new possibilities of not only saving money by switching to solar electricity but also making money.

## Pacific Green eyes battery energy storage park in NSW, Australia

Energy storage developer Pacific Green is eyeing a future grid-connected battery energy storage

park in New South Wales, Australia. says RedEarth. December 19, 2024. French independent power producer (IPP) Neoen has secured AU\$1.4 billion (US\$890 million) in capital to help fund energy storage and solar PV projects in Australia.



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## Australian made electricity storage systems

This Brisbane-based startup provides Australian made electricity storage systems to residential and commercial customers in Australia. RedEarth builds high-quality, long-lasting solar battery systems and is dedicated to the longevity of its systems, with versatile and scalable products, vigilant remote monitoring and a network of trusted



## New Centre Tahiti: A step forward for the Ecological Transition

The Be Energy center in Tahiti is more than just a battery regeneration site; it is a cornerstone in the construction of a sustainable energy model for French Polynesia. By responding to the

PUSUNG-R (Fit for 19 inch cabinet)



## RedEarth Energy Storage

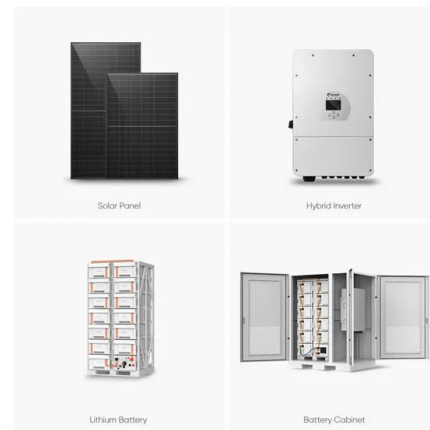
RedEarth Energy Storage. 15 Fienta Place DARRA, Queensland 4076 Phone: 1800 733 637. Email us Visit our website. Brochure. Download our brochure and find out more about our latest product offering, sales and promotions. Download brochure. Our partners. Proudly supporting Australian Made Campaign and the strength of the logo



## Dingo

MODULAR ENERGY STORAGE. FROM 29.9KW TO 500KW TITANIUM MEMBER 45001:2018 14001:2015 Fully integrated with RedEarth's Enterprise Power Plant (EPP), RedEarth Energy Storage MINING CAMP HOSPITALS/ MEDICAL CATTLE STATION OFF-GRID RESORT LARGE RESIDENTIAL COMMERCIAL BUILDINGS

challenges posed by battery management, it is helping to build a greener, more resilient and economically viable future for the entire archipelago.



## Neoen secures AU\$1.4 billion Australian energy storage and ...

3 ???· French independent power producer (IPP) Neoen has secured AU\$1.4 billion (US\$890 million) in capital to help fund energy storage and renewable energy generation projects in Australia.

APARTMENT BUILDINGS - EV OUTBACK ...



## RedEarth Company Profile 2024: Valuation, Funding & Investors

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## Storage Solutions - redearth.energy

Co-founded by Charlie Walker, Chris Winter, and Bruce Ebzery in 2013, RedEarth Energy Storage began as a startup doing research and development into battery energy storage systems specifically for the Australian market. Starting in the off-grid environment with the development of BlackMax, RedEarth has since added on-grid, commercial and



## Australian-Made V2G/V2H Chargers to Launch in 2025

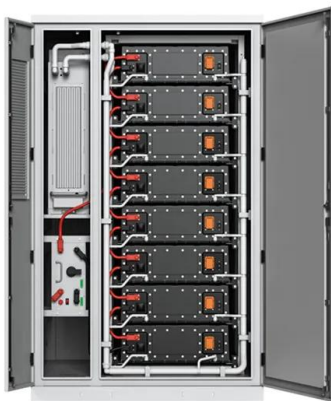
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## RedEarth Energy Storage Ltd. , Solar Components , Australia

RedEarth Energy Storage Ltd. 15 Fienta Place, Darra, Brisbane, Queensland, 4076 Click to show company phone <https://redearth.energy> Australia : Business Details Component Types Storage System Storage System Technology:



## RedEarth Energy Storage

Battery biz RedEarth mandates MA Moelis, Ords for strategic review. May 31, 2023. Share Queensland's RedEarth Energy Storage, which is backed by small cap fundies Thorney and Perennial, has retained MA Moelis Australia and Ord Minnett to oversee a strategic review of the \$100 million business, which could include a sale.

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