Gecko

OUTDOOR-RATED SLIMLINE
HOME BATTERY SYSTEM

RedEarth
ENERGY STORAGE

Inverter in here!
Single-phase
5 kW & 10 kW
Three-phase
12 kW
15 kW - *early 2026*

Batteries in here!
Up to eight x 5.6 kWh
Troppo Ultra batteries –
44.8 kWh capacity

Short on space and time?
Meet Gecko 🦎

Slim system. Fast install. **Big** power.

- Fits on a **single pallet** – fast installations!
- **Plug 'n' play** – everything included in the box
- **EV** charger and **energy trading** ready
- Suitable for **hybrid, on-grid and off-grid**
- **Australian** made and owned

STC approved
rebate eligible!

AUSTRALIAN MADE AND OWNED

CLEAN ENERGY COUNCIL MEMBER

SMART ENERGY COUNCIL TITANIUM MEMBER

ISO CERTIFIED COMPANY 9001:2015

ISO CERTIFIED COMPANY 14001:2015

ISO 45001:2018

RedEarth

All-in-one slim design.
No mess. No fuss.
Plug 'n' play.
Built in Brisbane.

You asked, we listened.
The brand new Gecko features everything that is important to you.
No messy cables; everything included in the box; easy and quick to install; single pallet delivery; small footprint; on and off grid applications; integrated with our state-of-the-art software; and, of course, Australian made.

Need something bigger?

Combine Gecko with a custom AC Combiner Box to double continuous power output.

Power your whole home.

⚡ Scalable, modular design that can grow as your needs change. Up to eight batteries per unit

⚡ Available in single or three phase configurarions

⚡ World-class power storage solutions for both homes and businesses

⚡ Unique and versatile power hub which is able to integrate grid, generator and load ports

⚡ No grid, no worries – in grid outages, Gecko can power your home or start your generator in off-grid systems

⚡ Fully hybrid option (grid-connected + backup/island mode)

⚡ AC-coupled system – Easily connect existing solar to the Gecko

⚡ RedEarth PPP-ready. Trade your energy, charge your EV and so much more

H 1950 mm

D 450 mm

W 1060 mm

Power yourself.

Specifications

	Single Phase	Three Phase
Power output	Max. AC output power of 5000 W or 10,000 W	Max. AC output power of 12,000 W or 15,000 W
Solar input	**5 kW option** Connect up to 10 kW of solar panels to the dual MPPTs 150-425 (max 500) Vdc **10 kW option** Connect up to 20 kW of solar panels to the triple MPPTs 150-425 (max 500) Vdc	**12 kW option** Connect up to 24 kW of solar panels to the dual MPPTs 200-650 (max 800) Vdc **15 kW option** *~Available early 2026* Connect up to 30 kW of solar panels to the dual MPPTs 160-650 (max 800) Vdc
Battery	From 2 to 8 x 5.6 kWh Troppo Ultras (Max 44.8 kWh) *Voltage:* 48 Vdc (nom.)	From 3 to 8 x 5.6 kWh Troppo Ultras (Max 44.8 kWh) *Voltage:* 48 Vdc (nom.)
Electrical connections	Grid connection, backup circuits connection and smart port connection (AC coupled inverter/smart load/generator). PV array.	
Monitoring	Monitoring hardware included and activated via RedEarth's app (subject to network availability)	
Energy trading	On-grid only	
EV charging	Yes	

Weight* of Gecko (excl. batteries) *approximate	**5 kW**	**10 kW**	**12 kW**	**15 kW**
	100kg	120kg	125kg	140kg

Aussie made for Aussie conditions.

Built to last. **Outdoor-rated with a 10-year warranty.**
Designed, engineered and assembled in Australia.
Support Australian made with RedEarth.

Note: Specifications subject to change with new product developments

Engineered for installers.

Gecko has been meticulously engineered by our Brisbane team with you in mind. Hassle-free, quick installations, with everything provided for you. When we say "plug 'n' play", we mean it.
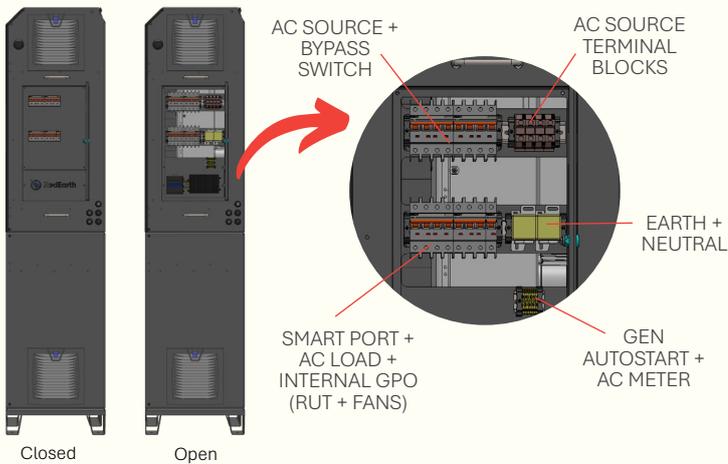

Single pallet delivery

Cut your install time down! Packaged to make assembly seamless and easy.
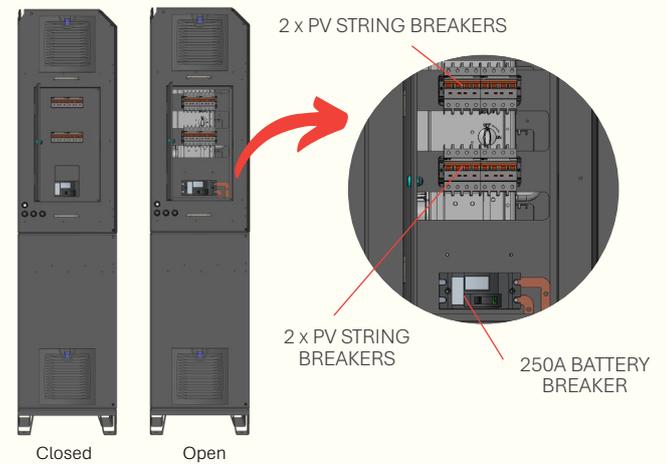
Package dimensions:
L 1165 x W 1165 x H 1840 (mm)
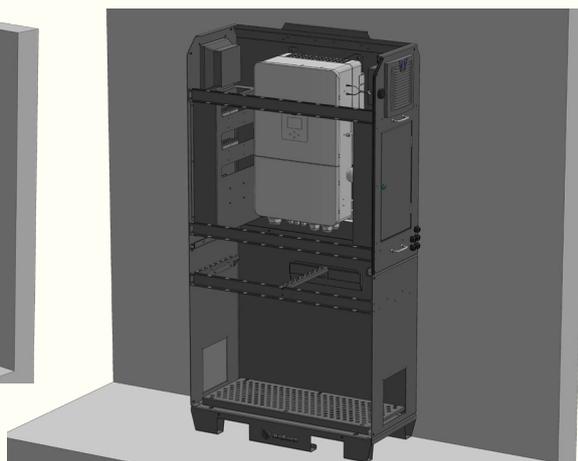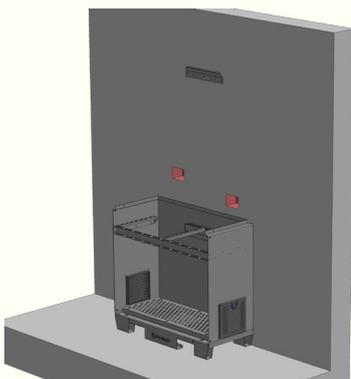
AC Breakers and Access
3-Phase example shown

AC SOURCE + BYPASS SWITCH

AC SOURCE TERMINAL BLOCKS

EARTH + NEUTRAL

SMART PORT + AC LOAD + INTERNAL GPO (RUT + FANS)

GEN AUTOSTART + AC METER

Closed   Open

DC Breakers and Access
3-Phase example shown

2 x PV STRING BREAKERS

2 x PV STRING BREAKERS

250A BATTERY BREAKER

Closed   Open

Simple three-step assembly

1. Mount battery module to the floor and wall (top box).

2. Attach inverter module and mount to the wall (middle box).

3. Install up to eight Troppo batteries (remaining boxes).

You are ready to complete the electrical connections and commission the system. Easy!

Control your power with your own Private Power Plant

Gecko is fully integrated with our proprietary software, helping you **control your own energy consumption and production.**

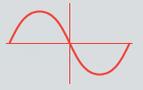| Optimum Monitoring	Remote Control	Energy Trading	Smart EV Charging	Peer to Peer	Blackout Protection	Smart Load Control	Peak Shaving
Reliable 4G monitoring and system health checks	Use your battery like a remote	Access wholesale pricing and our trading algorithm	Flexible car charging (incl. V2G)	Share your excess power with family and friends	Turn on Disaster Protection Mode	Manual or automatic control of high power load items	Reduce your dependence on grid during high load times

Contact us to find out more about Gecko today

RedEarth
ENERGY STORAGE

Australian-made | **Rebate eligible!** | **Scalable solutions** | **Energy trading** | **Control your power**

Need support? No worries.

RedEarth is with you all the way, from technical support during installation, to monitoring and guidance for your system for years to come. Our Australian-based team is on call to make **powering yourself** as easy as possible.

Power yourself.