

HoneyBadger

OFF-GRID POWER



Benefits

- ✓ Easy to install
- ✓ All-in-one system pre-tested in our factory
- ✓ Plug 'n Play design for installers
- ✓ Available with 10kVA or 5KVA power rating
- ✓ Auto Generator Start feature
- ✓ Eligible to join RedEarth's PPP
- ✓ Suitable for EV chargers (1-Phase)


Power Output	
5kVA model 5kVA continuous 10kVA peak power	10kVA model 10kVA continuous 20kVA peak power
Solar Input	
5kVA model 450/100V SmartSolar MPPT with 2 MPPT trackers Max 7.5kW PV panels.	10kVA model 450/200V SmartSolar MPPT with 4 MPPT trackers. Max 15kW PV panels.
Dimensions and weight	
H1680 x W920 x D620 mm 185kg + 42.5kg per battery	
Environmental rating	
IP43 outdoor-rated	
Battery	
Up to 8 x 4.1kWh Troppo batteries (max 32.8kWh). Voltage: 48Vdc nom.	
Electrical Connection	
<ul style="list-style-type: none"> • Hardwired to the local switch board • 10A power point on the side of enclosure for AUX loads • Backup generator hardwired directly to HoneyBadger (2-wire autostart ready) • PV input connections hardwired directly to HoneyBadger 	
RedEarth monitoring	
Sign up to RedEarth Optimum to get RedEarth's ongoing remote monitoring service, plus access to RedEarth's Private Power Plant (PPP).	

Suitable for off-grid country homes and small enterprises, HoneyBadger is a single-phase system that is **available in two power ratings: 10kVA or 5kVA**. HoneyBadger comes with an IP43 rating, meaning it can be installed in a shaded area outside—perfect for Australian conditions.

As tough as the creature it's named after, HoneyBadger is reliable, robust, and built to last.

Field-proven, HoneyBadger comes with a Victron inverter and charge controllers and is available in two power ratings: 5kVA or 10kVA versions, suitable for homes that consume up to approximately 50kWh of electricity a day.

Like all of RedEarth's products, HoneyBadger is fully engineered, assembled, and tested to Australian standards at RedEarth's factory in Brisbane. It comes as a complete solution that can be easily installed.



SOLAR REBATE

HoneyBadger is eligible for STC solar panel rebates, provided you use a CEC-approved installer, CEC-approved solar panels, and Fronius inverters



Need support? No worries.

RedEarth is with you all the way, from technical support during installation, to ongoing 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. We also offer information sessions for installers at our factory in Brisbane. Give us a call today to see how you can future-proof your home with a RedEarth system.

www.redearth.energy
1800 RE ENERGY (1800 733 637) | sales@redearth.energy
15 Fienta Place, Darra, Brisbane, QLD Australia 4076



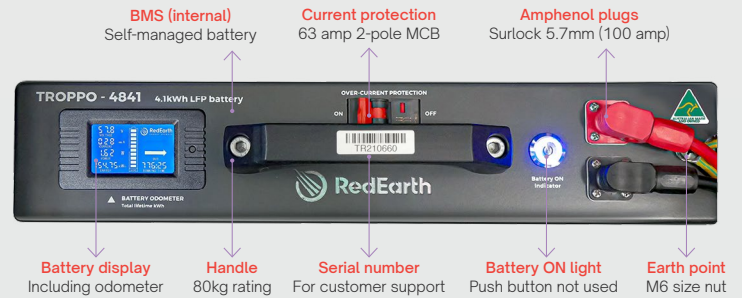
Power yourself.

Troppo

LFP 4841
BATTERIES



User-friendly display designed to make monitoring your battery easy



RedEarth's own battery, Troppo, is the **first Australian-made and owned battery** approved and listed by the Clean Energy Council.

Troppo is a high-quality, self-managed battery that uses the safest and most durable lithium ion chemistry available, Lithium Ferro Phosphate (LFP). This is packaged in the highest quality cells available in the self-managed battery market in Australia. These cells have been tested in the National Battery Testing Centre in Brisbane.

Combined with our latest battery management system, accessible 63A DC dual-pole MCB breaker, informative display, and a usable handle, Troppo delivers safe, highly efficient, and cost-effective performance over the life of both residential and commercial systems, both on- and off-grid.

Compatible with all common battery inverters and solar MPPTs. For more details, scan the QR code on this page or visit www.redearth.energy.

Repairable and recyclable: The Troppo battery is repairable by RedEarth as it is made in Australia. At end-of-life it can be recycled in Australia. Contact RedEarth for details.



Optimises any power source



Benefits

- ✓ Maintenance-free
- ✓ Scalable capacity—add more batteries later
- ✓ Battery voltage operates at safe ELV levels
- ✓ High temperature protection
- ✓ Low temperature protection
- ✓ Overcharge protection
- ✓ Flexible installation options available through RedEarth
- ✓ Compatible with industry-standard inverters

Specifications

Nominal capacity	4.1kWh/79.8Ah
Nominal DC voltage	51.2V
Maximum discharge current	63A (limited by circuit breaker)
Maximum charge current	63A (limited by circuit breaker)
Maximum power of discharge (kW)	Approx 3kW
MWh delivered over battery lifetime	10.2MWh at 80% DoD
Battery mounting options	Standard 19" rack + horizontal, vertical, or on either side
Short circuit current p/battery	0.4 kA



Need an enclosure for your Troppo batteries?
No worries.

RedEarth makes things as easy as possible for our installers and end-customers. We have a range of indoor and outdoor rated enclosures to suit every application. Contact our team to find out more about our **VAULT** range of fully pre-wired battery enclosures.

www.redearth.energy
1800 RE ENERGY (1800 733 637) | sales@redearth.energy
15 Fienta Place, Darra, Brisbane, QLD Australia 4076



Power yourself.