

Troppo

LFP 4841 BATTERIES



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.

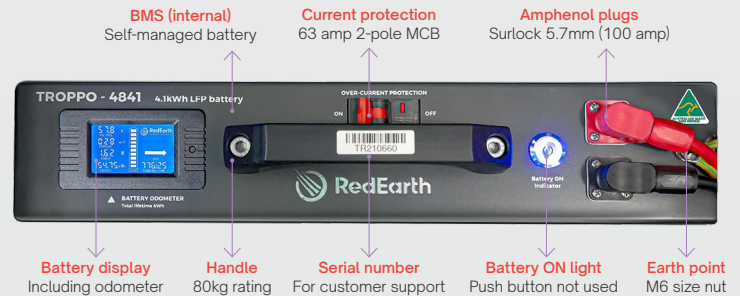
Combined with our latest battery management system, accessible 63A DC dual-pole MCB breaker, informative display, and a usable handle, Troppo delivers safe, highly efficient, and cost-effective performance over the life of both residential and commercial systems, both on- and off-grid.

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.



User-friendly display designed to make monitoring your battery easy

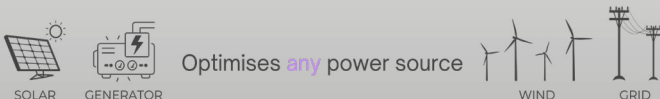


Benefits

- ✓ 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
- ✓ 10 year warranty (T&Cs apply)

Specifications

Nominal capacity	4.1kWh/79.8Ah
Recommended DoD (depth of discharge)	90% DoD
Usable capacity	3.69kWh
DC voltage	Max: 57.6V Nominal: 51.2V Min: 48V
Max. Charge/Discharge Current	63A (limited by circuit breaker)
Rated DC power	3kW
MWh delivered over battery lifetime	10.0MWh at 90% DoD
Battery mounting options	Standard 19" rack + horizontal, vertical, or on either side
Short circuit current p/battery	0.4 kA
Operating temperatures	Charge: 0 to 45°C Discharge: -20 to 60°C



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.

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Power yourself.