

Troppo

LFP 4841
BATTERIES



RedEarth
ENERGY STORAGE



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

Projected MWh delivered over battery lifetime

10.2MWh at 80% DoD

Battery mounting options

Standard 19" rack + horizontal, vertical, or on either side

RedEarth's own battery, Troppo, is made using the safest lithium ion chemistry available, Lithium Ferro Phosphate (LFP), meaning greater energy storage capacity.

Able to optimise any energy generation source—eg, solar, wind, grid, generator—Troppo is designed with the installer and customer in mind and includes features such as a handle for ease of installation and transport, and a digital display showing voltage, current, and state of charge—so it's easy to see how much electricity is available at a glance.

Troppo's self-managed battery management system (BMS) monitors the battery's operations, performance, and temperatures to ensure safe and optimal performance. Coupled with accessible 63A DC dual pole breaker on/off switch, overcurrent protection device (OPCD), Troppo provides a simple, safe, maintenance-free solution for residential and commercial application.

- High efficiency >96%
- Compatible with AC and DC coupled systems
- High temperature protection
- Low temperature protection
- Overcharge protection



THE FIRST AUSTRALIAN-MADE AND OWNED BATTERY
APPROVED AND LISTED BY THE CLEAN ENERGY COUNCIL

Need panels? No worries.

RedEarth tries to make things as easy as possible for its customers, and our Australia-wide network of partners are experts on our systems—they can do the groundwork for you, and supply solar panels, hardware, cabling, mounting equipment, and any electronics you may need.



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Power yourself.