

RedEarth S Series

Electricity Storage System – off grid



The Red Earth S Series is a weatherproof, standalone battery system that manages multiple power sources, loads and batteries to optimise power generation, storage and use in situations where the electricity grid is absent. It provides up to 28kWh (usable) of storage at 5kW continuous



RedEarth S Series advantages

High Quality

- Pre-wired, factory assembled and tested system
- High quality components
- Weatherproof enclosure
- Australian standards compliant

Easy to Install

- Under eaves footprint
- No onsite preparation time
- Plug and play connection to PV panels and generator
- No need for battery room or concrete pad

Reliability

- Maintenance free
- Sealed VRLA batteries

Flexibility

- Modular scape up capability to meet growing customer demands

Low Maintenance

- Powder coated outdoor enclosure
- Set and forget operation
- Remote monitoring capability
- Choice of batteries: lead acid and lithium

Remote Monitoring & Communications

- Full remote monitoring and control using low-cost 3G communications
- Subject to network availability (optional)

Warranty

- Red Earth's systems use high quality components and are backed by up to 5 years replacment warranty

Safety

- Comes prewired, fully tested with lockable enclosure and includes operator manuals

Power	Up to 5kW / 10 kW peak
Battery Options	8 x 6V VRLA gel battery up to 443Ah (c100) Maximum capacity 10.6 kWh (usable) @ 50% DOD Up to 28kWh modular lithium
Dimensions	935W x 655D x 1720H (mm)
Weight	650 kg
Battery Voltage	48 V nom. (41-68V)
AC Input Current	22 A
AC Output Current	22 A Cont.
AC Output Current	43 A Peak
Generator Ready	Up to 15 kVA auto-start suitable
Remote Monitoring	Subject to network availability
Electrical Connection	Hard wired