

RedEarth S Series



Electricity Storage System – off grid

The Red Earth S Series is a weatherproof, proven 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 8kWh (usable) of storage at 8kW



RedEarth S310 Advantages

High Quality

Fully engineered, 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 scale 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 replacement warranty

Safety

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

Power	Up to 3kW / 4.8 kW peak
Battery Options	8 x 6V VRLA gel battery up to 443 Ah (c100) Maximum capacity 10.6 kWh (usable) @ 50% DOD Lithium/Zinc Bromine options available
Dimensions	917W x 517D x 1660H (mm)
Weight	650 kg
Battery Voltage	48 V nom. (41-68V)
AC Input Current	30 A
AC Output Current	13 A Cont.
AC Output Current	35 A Peak
Generator Ready	Up to 15 kVA auto-start suitable
Remote Monitoring	Subject to network availability
Electrical Connection	Hard wired