

# 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 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 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