



# DropBear

OFF-GRID/ON-GRID POWER

## DESIGNED FOR COUNTRY HOMES AND SMALL TO LARGE ENTERPRISES!

The DropBear is an all-in-one power system for your home. Just plug in the solar panels and a generator (or the grid) for uninterrupted power.

RedEarth's DropBear can be installed in any sheltered area in or outdoors. It can be monitored by the customer and optionally by RedEarth to ensure continuous operation. It uses the highest quality components that are easily serviced anywhere in Australia.

RedEarth's DropBear is a weatherproof, proven standalone battery solution that manages multiple power sources, loads and batteries to optimise power generation, storage and use in on and off-grid situations.



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# On-Grid/Off-Grid Residential and Commercial Power

## A HIGHLY DEPENDABLE SOLUTION

Our DropBear System is a proven standalone battery system that is supplied as a factory tested and ready to run system. The enclosure is suitable for installation in or outdoors in a sheltered area. It is lockable, and made mostly of powder-coated aluminium for additional weather resistance.

### ADVANTAGES

#### High Quality

Fully engineered, factory assembled and tested in Brisbane. Field proven, and widely known Selectronic and Fronius inverters are used to minimise downtime and make it easy for installers.

#### Backup Generator

The DropBear can auto start a backup generator or turn on a signal light if only a manual start generator is available.

#### Local factory support provided

RedEarth's factory is in Brisbane - visitors welcome!

#### Qualifies for current government grants and loans

The DropBear is eligible for STC Solar Panel Rebates, if you use CEC-approved solar panels and a CEC-approved installer.

#### Choice of battery size

Up to 10 x LG 6.5kWh batteries can be installed (10 x 6.5kWh = 65kWh maximum).

#### Easy to Install battery system (<3 hours)

All-in-one system - pre-wired connection for PV panels and the backup generator. Place it in a covered area outside on concrete pavers or slab, no need to clutter the garage.

#### Remote monitoring

With mobile phone coverage, the system can be monitored on your mobile device.

Optional continuous monitoring service is available from RedEarth with our industrial 4G solution.

#### Safety

DropBear is a factory assembled & tested system that meets Australian Standards. It is AS4777 approved and can be used in off grid as well as off-grid installations.

#### Warranty & Support

RedEarth's systems are backed by a 10-year repair/replacement warranty with monitoring. Support is available directly from our Brisbane factory.



<b>Power Output</b>	Continuous 7.5kW, maximum 18.0kW (30 seconds)
<b>Solar Input</b>	Connect up to 20kW of solar panels, by adding an extra Fronius
<b>Battery Options</b>	<ul style="list-style-type: none"> <li>Up to 10 x 6.5kWh LG lithium-ion</li> <li>Up to 12 x LiFe 3.3kWh lithium batteries</li> <li>Up to 10 x BYD 2.5kWh lithium batteries</li> <li>Up to 11 x Eco 4.3kWh lithium batteries</li> </ul>
<b>Dimensions</b>	130L x 56W x 202H (mm)
<b>Weight (max.)</b>	300 - 500 kgs, depending on the number of batteries (44 kg per battery)
<b>Battery Voltage</b>	48Vdc nom.
<b>Electrical Connection</b>	Hard-wired with a by-pass switch and generator/grid connection to terminals
<b>Monitoring</b>	<ul style="list-style-type: none"> <li>RedEarth monitoring system included with 4G SIM</li> <li>Customer monitoring on mobile device</li> <li>Optional RedEarth remote monitoring service</li> </ul>