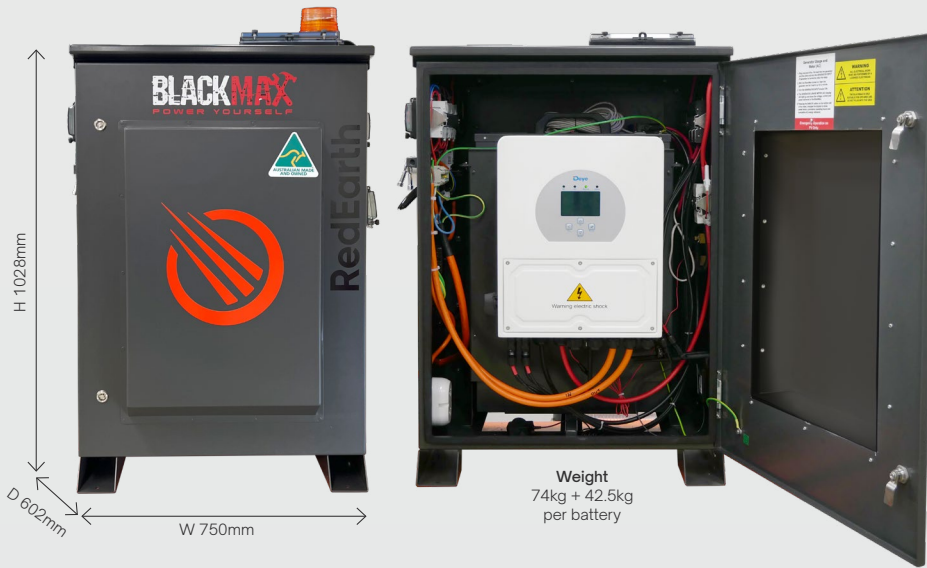


# BlackMax

OFF-GRID, ON-GRID, HYBRID



**NEW**  
UPDATED 2024  
MODEL

**Upgrades to the 2024 BlackMax include:**

- New transformer inverter
- Grid compatible
- Two x MPPTs



The **first** Australian-made off-grid battery energy storage system approved by the Clean Energy Council is now **also available for on-grid use and includes many new upgrades.**

BlackMax was RedEarth's original product, created with the idea of providing electricity where it isn't. The new updated BlackMax includes:

- ✓ Now with two solar MPPT trackers each with a 19.5A PV Isc to allow larger solar arrays to be used
- ✓ More accurate state-of-charge monitoring
- ✓ AC input and output meters
- ✓ Increased continuous output of 6kW up from 3.7kW
- ✓ Flashing indicator light at low state of charge, to alert users
- ✓ Now with industrial grade monitoring hardware included (RedEarth Optimum subscription required to activate)
- ✓ Dual AC inputs

**BlackMax is the perfect solution for sheds, weekenders and tiny homes.** Its IP43 rating means it can be installed outside in a shaded area.

Like all of RedEarth's products, BlackMax is fully engineered, assembled, and tested to Australian standards at RedEarth's factory in Brisbane. It comes as a complete solution that can be easily installed by an SPS-certified installer.



Specifications	
<b>Power output</b>	Max. AC output power 6000W
<b>Solar input</b>	Connect up to 9000W of solar panels to the dual MPPTs (150-425 Vdc max. 500Vdc)
<b>Battery</b>	Up to 3 x 4.1kWh Troppos (max. 12.3kWh) Voltage: 48Vdc (nom.) Minimum two required for full inverter power rating. (Three recommended for continuous > 5KW power)
<b>Electrical connections</b>	1 x 15A outlet and 1 x 10A outlet, or have an electrician hardwire an external sub board to the internal AC output terminal block. Generator hardwire and autostart. AS4777.2 Approved Grid connection capable in lieu of a generator
<b>Monitoring</b>	Monitoring hardware included and activated via RedEarth's EMU app (subject to network availability and Optimum subscription).
<b>Energy trading</b>	On-grid only
<b>EV charging</b>	Yes

**Need a complete kit including solar panels? No worries.**

To make installation of the BlackMax as easy as possible, RedEarth also provides an all-in-one **BlackMax Powerstation Kit** that includes solar panels and mounting hardware. Contact RedEarth to find out more.

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SCAN ME

**Power yourself.**