

BlackMax

AUSTRALIAN-MADE | ON-GRID | OFF-GRID | SCALABLE

caravan
power your tiny home
shed
weekender
self



STC Approved
rebate eligible!

BLACKMAX
POWER YOURSELF



Up to **6kW** of standalone power.

- ⚡ Standalone system perfect for sheds and tiny homes
- ⚡ Optimised for off-grid applications (1ph) (on-grid also possible)
- ⚡ AC input and output meters – shows your usage
- ⚡ Ready for autostart backup generator connection
- ⚡ Flashing indicator light at low state of charge
- ⚡ Remote monitoring included (4G coverage required)
- ⚡ RedEarth Private Power Plant options available



Tiny homes? **Big** power.

An all-in-one standalone off-grid and on-grid power system, BlackMax was RedEarth's original product, created with the idea of providing electricity where it isn't.

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.

Power yourself.



Specifications

Power output	Max. AC output power 6000W
Solar input	Connect up to 12,000W of solar panels to the dual MPPTs (150-425 Vdc max. 500Vdc)
Battery	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)
Electrical connections	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
Monitoring	Monitoring hardware included and activated via RedEarth's EMU app (subject to network availability and Optimum subscription).
Energy trading	On-grid only
EV charging	Yes
Measurements	750W x 1028H x 602D (mm)
Weight of BlackMax (excluding batteries)	74kg

Aussie made for Aussie conditions.





RedEarth
ENERGY STORAGE



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Australian-made



Rebate Eligible!



Scalable Solutions



Energy Trading



Save the planet!

Need support? No worries.

RedEarth is with you all the way, from technical support during installation, to ongoing monitoring and guidance for your system for years to come. Our Australian-based team is on call to make powering yourself as easy as possible.

Power yourself.

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