

BushChook

WHOLE HOME BACKUP POWER SOLUTION



RedEarth
ENERGY STORAGE

**Future fit your family
with RedEarth.**



Single-phase (5kW, 8kw & 10kw)
and three-phase (12kW)



Suitable for on-grid and off-grid



EV charger and energy trading ready



Maximum capacity of 32.8kWh



Australian made and owned



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Want to power your whole home? No worries.

- ⚡ Scalable, modular design that can grow as your needs change
- ⚡ Available in single or three phase configurations
- ⚡ World-class power storage solutions for both homes and businesses
- ⚡ Unique and versatile power hub which is able to integrate grid, generator and load ports
- ⚡ No grid, no worries – in the face of grid outages, BushChook can power your home or start your generator in off-grid systems
- ⚡ Easily connect existing solar to the BushChook
- ⚡ RedEarth PPP-ready. Trade your energy, charge your EV and so much more



Reduce your family's electricity costs.

RedEarth's BushChook systems offer Australian-made scalability, making them an excellent and enduring investment for your home. Available in both single and three-phase configurations, the BushChook provides a range of power outputs tailored to accommodate your specific needs. This versatility ensures effortless and effective power supply solutions for both residential and business applications.



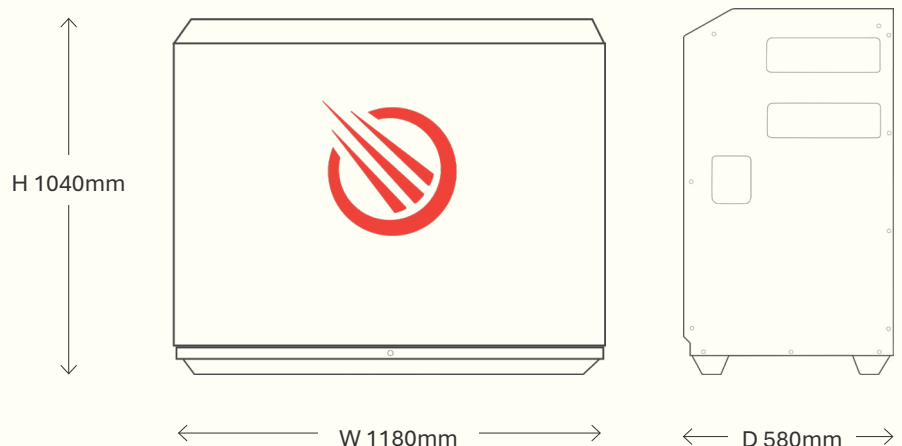
Power yourself.

Specifications

	Single Phase	Three Phase
Power output	Max. AC output power of 5000W, 8000W or 10,000W	Max. AC output power of 12,000W
Solar input	5kW option Connect up to 10kW of solar panels to the dual MPPTs 8kW option Connect up to 16kW of solar panels to the dual MPPTs 10kW option Connect up to 20kW of solar panels to the triple MPPTs (150-425Vdc max. 500Vdc)	12kW option Connect up to 24kW of solar panels to the dual MPPTs (200-650dc max. 800Vdc)
Battery	From 2 to 8 x 4.1kWh Troppos (max. 32.8kWh) Voltage: 48Vdc (nom.) Min. 2 required for full inverter power rating (Min. 2 for 5kW, min. 3 for 8kW and min. 4 for 10kW)	4 to 8 x 4.1kwh Troppos (Max 32.8kWh) Voltage: 48Vdc (nom.) Min. 5 required for full inverter power rating.
Electrical connections	Hard-wired via built-in EPS transfer switch PV cables connected directly to pre-installed MC4s. In-built support for controlling AC coupled micro inverters and solar systems, generators or smart loads via hard wired terminal block.	
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	

	5kW 1-phase	8kW 1-phase	10kW 1-phase	12kW 3-phase
Weight of Bush-Chook system (excl. batteries)	109kg	115kg	130kg	135kg

Dimensions





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Like all of RedEarth's products, BushChook is fully engineered, assembled, and tested to Australian standards at RedEarth's factory in Brisbane.



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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