

BushChook

WHOLE HOME BACKUP POWER SOLUTION



Future fit your family
with **RedEarth.**



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



Suitable for on-grid and off-grid



EV charger and energy trading ready



Maximum capacity of 44.8 kWh



Australian made and owned



RedEarth
ENERGY STORAGE



45001:2018

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's proprietary Private Power Plant 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.

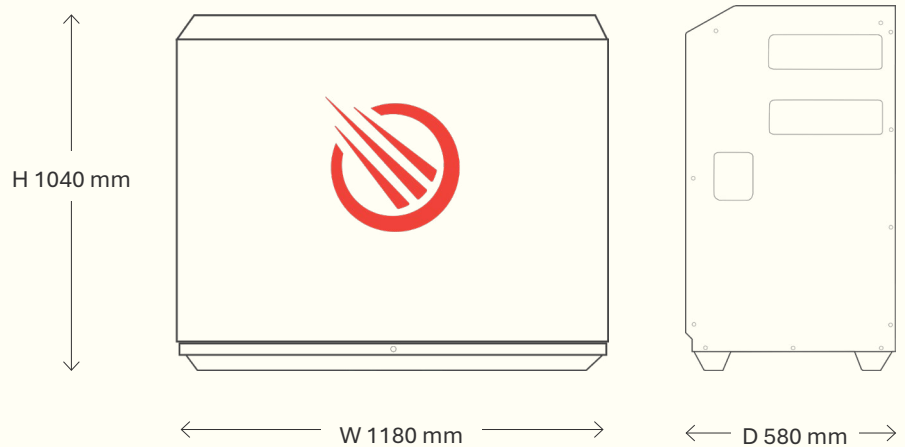


Power yourself.

Specifications

	Single Phase	Three Phase	
Power output	Max. AC output power of 5,000 W or 10,000 W	Max. AC output power of 12,000 W	
Solar input	5 kW option Connect up to 10 kW of solar panels to the dual MPPTs 150-425 (max 500) Vdc 10 kW option Connect up to 20 kW of solar panels to the triple MPPTs 150-425 (max 500) Vdc	12 kW option Connect up to 24 kW of solar panels to the dual MPPTs 200-600 (max 600) Vdc	
Battery	From 2 to 8 x 5.6 kWh Troppo ULTRAS (max. 44.8 kWh) Voltage: 48 Vdc (nom.)	3 to 8 x 5.6 kWh Troppo ULTRAS (max 44.8 kWh) Voltage: 48 Vdc (nom.)	
Electrical connections	Grid connection, backup circuits connection, PV array and smart port connection (AC coupled inverter/smart load/generator)		
Monitoring	Monitoring hardware included and activated via RedEarth's app		
Energy trading	On-grid only		
EV charging	Yes		
Weight of Bush-Chook system (excl. batteries)	5 kW 1-phase 109 kg	10 kW 1-phase 130 kg	12 kW 3-phase 135 kg

Dimensions





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



Control your power

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 team is on call to make **powering yourself** as easy as possible.

Power yourself.

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