

# BushChook

WHOLE HOME BACKUP POWER SOLUTION



**RedEarth**  
ENERGY STORAGE

**Future fit your family  
with RedEarth.**



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



Suitable for on-grid and off-grid



EV charger and energy trading ready



Maximum capacity of 44.8kWh



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.



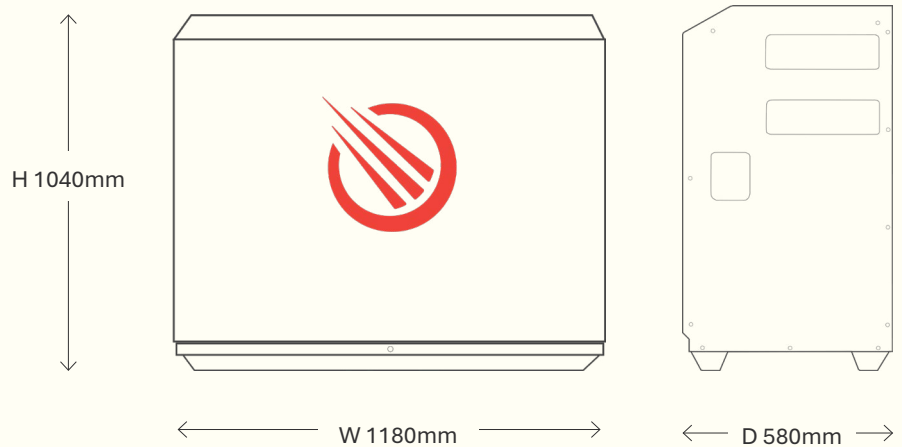
**Power yourself.**

# Specifications

	Single Phase	Three Phase
<b>Power output</b>	Max. AC output power of 5000W or 10,000W	Max. AC output power of 12,000W
<b>Solar input</b>	<b>5kW option</b> Connect up to 10kW of solar panels to the dual MPPTs <b>10kW option</b> Connect up to 20kW of solar panels to the triple MPPTs (150-425Vdc max. 500Vdc)	<b>12kW option</b> Connect up to 24kW of solar panels to the dual MPPTs (200-650dc max. 800Vdc)
<b>Battery</b>	From 2 to 8 x 5.6kWh Troppo Ultras (max. 44.8kWh) <b>Voltage:</b> 48Vdc (nom.)	3 to 8 x 5.6kwh Troppo Ultras (Max 44.8kWh) <b>Voltage:</b> 48Vdc (nom.) Min. 5 required for full inverter power rating.
<b>Electrical connections</b>	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.	
<b>Monitoring</b>	Monitoring hardware included and activated via RedEarth's app	
<b>Energy trading</b>	On-grid only	
<b>EV charging</b>	Yes	

<b>Weight of Bush-Chook system (excl. batteries)</b>	<b>5kW 1-phase</b>	<b>10kW 1-phase</b>	<b>12kW 3-phase</b>
	109kg	130kg	135kg

## 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**



**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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