

Trinabess

Solutions Partner:



POWER WITH PURPOSE

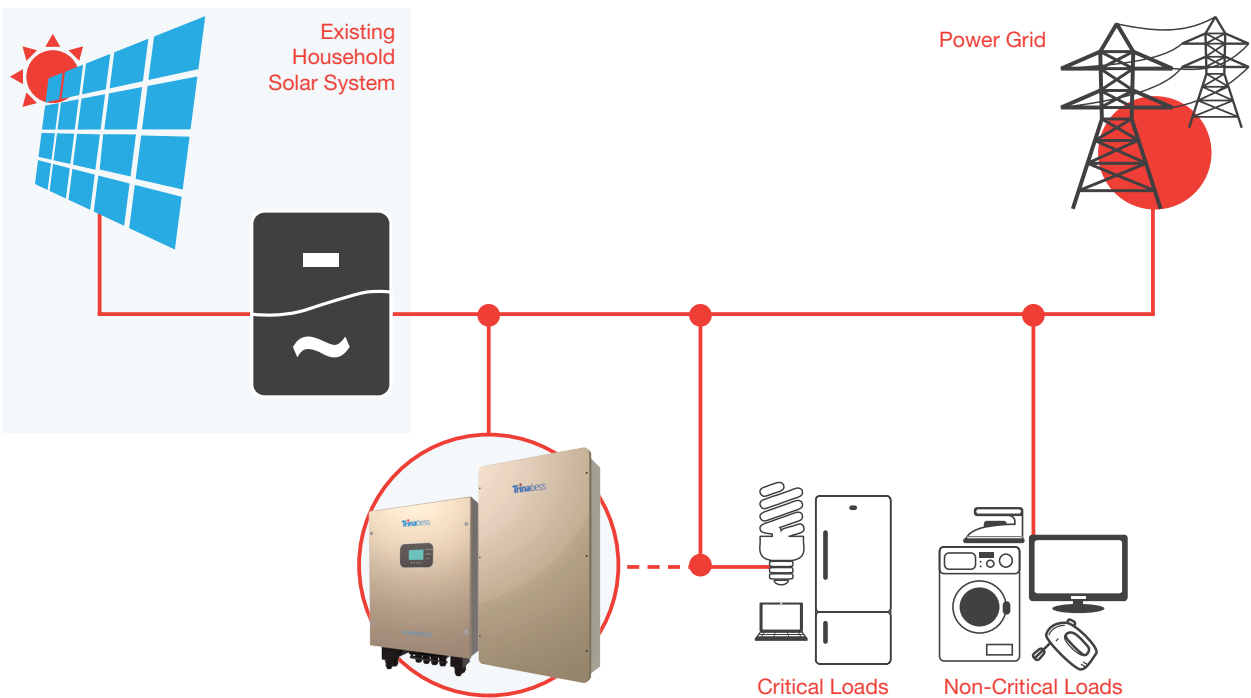
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Trinabess



A residential energy storage solution to bolt on to your existing home solar system.

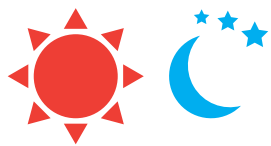
The TrinaBESS system allows you to use the energy you generate from your solar panels, by capturing and storing excess solar energy generated during the day. Instead of selling the energy back to the Grid, you get to use your stored energy when it is of maximum benefit to you, even when the power goes out.



What makes TrinaBESS different to other energy storage products on the market?

- Keep your existing household solar system as it is - the TrinaBESS system can be retro-fitted into any existing home solar system
- No need to shop for two separate brands, the TrinaBESS is a full package solution that includes both a PowerBox inverter and PowerCube energy storage unit
- The PowerCube energy storage unit uses the safest, most mature, proven lithium battery chemistry (LiFePO₄WER), housed in a sleek, compact design with colour options to suit your tastes
- PowerCube provides maximum energy storage flexibility, being 4.8kWh, 7.2kWh or 9.6kWh in a single energy storage unit, or even two units with up to 19.3kWh can be achieved
- The TrinaBESS system has been designed to be future-proofed for changes to Australian standards along with IP65 and IP54 weatherproof ratings for outdoor installation if required
- TrinaBESS comes with a 10 year battery energy throughput warranty

Continuity of Power



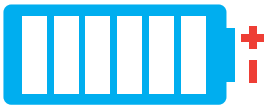
Store your generated solar energy, so you can use it when you need it. If the power goes out, the TrinaBESS system also keeps your household running, giving you peace of mind.

Cost-Savings



The TrinaBESS system enables you to reduce the amount of power you use from the grid, which means further savings on your energy bills.

Safety



The PowerCube energy storage unit is economical and safe for indoor or outdoor installation and has the capacity to meet an average household's energy needs.



PowerBox

Power Rating	3kVA
Surge Power Rating	1.5*Pnom,10s; 1.2*Pnom,30s
Rated Output Voltage	230V
Maximum Output Current	13A
Output Voltage Range	180-270V
Max Charging Efficiency	94.5%
Max Discharging Efficiency	94%
Standby Power	<5W
Protection Class	IP65
Protections	Anti-islanding, current leakage detection, ground-fault detection
Certifications	AS4777, VDE0126-1-1, G83-2, RD1699, UTEC15-712-1, EN50438, VDE-AR-N4105
Ambient Temperature	-25°C~+60°C
Humidity	0~95%
Noise Levels	<25dB
Cooling Method	Natural Cooling
Weight	16kg
Dimensions (WxHxD)	360 x 532 x 173mm
Display	LCD
Warranty	5 years (10 years optional)

PowerCube

Nominal Voltage	48V
Nominal Capacity	150Ah (3 battery packs) / 200Ah (4 battery packs)
Energy Capacity	7.2kWh (3battery packs) / 9.6kWh (4 battery packs)
Standard Charging and Discharging Current	75A (3 battery packs) / 100A (4 battery packs)
Interface	CAN RS485
Working Temperature	-10°C~50°C
Storage Temperature	-25°C~60°C
Round-Trip DC Efficiency	92.5%
Dimensions (WxHxD)	600 x 1000 x 210mm
Weight	95kg (3 battery packs) / 120kg (4 battery packs)
Protection Level	IP54
Warranty	10 years

Contact MPower for more information.