

GH-B16 Battery Energy Storage System

Save Big on Smarter Power



Power Your Home with Government-Backed Savings

The GH-B16 is a high-performance Lithium Ion Phosphate (LiFePO₄) battery system designed to maximize energy independence and cost savings. Paired with solar, it slashes power bills by up to \$2,600/year and qualifies for the Australian Government's Battery Booster 2025 Program, offering rebates of up to \$370 per kWh.

Key Benefits

- ✓ Up to 100% installation cost covered* with government rebates.
- ✓ 16 kWh storage capacity – scalable for larger homes.
- ✓ Remote monitoring via PACEEX App (Wi-Fi/Bluetooth).
- ✓ 10+ year lifespan with industry-leading safety (CE, RoHS, SGS, IEC 62619, IEC 62368 certified).

*Terms apply. Rebates vary by region and electricity rates.

Technical Specifications

1. Battery System Specifications

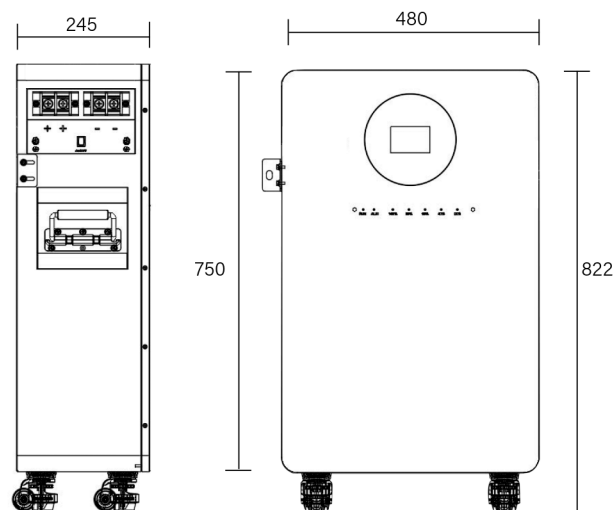
RESIDENTIAL SERIES MODEL NO:	GH-B16
Battery Chemistry:	Lithium Ion Phosphate (LiFePO ₄)
Rated Voltage	51.2V
Nominal Capacity	314 Ah
Maximum Charge Voltage	58.4V
Energy	16.076 kWh
Discharge Cut-off Voltage	44.8V
Warranty	10 Years
Certification	CE, RoHS, SGS, IEC 62619, IEC 62368

Environmental Specifications

Operating Temperature	Range
Charging	0°C to 55°C
Discharging	-20°C to 60°C
Storage	0°C to 35°C (Max 1 Year)
Maximum Elevation	Floor-mounted
IP Rated	IP20 Indoors
Operating Noise	<30 db(A)

Battery Dimensions

Dimensions	480*750*245mm (+/-2.5mm)
Weight	131.5kg
Mounting	Floor-mounted



2. Communication and Control

Communication Mode	CAN/RS485/RS232/Bluetooth/Wifi
RS485/CAN	Inverter comms
RS232	Firmware updates / Monitoring of battery information
WiFi/Bluetooth	Remote monitoring
Dry Contact	Alarm outputs

Technical Specifications

3. Battery Management System (BMS)

	Parameter
Single Cell Over-Charge Cut-off Voltage	3.65V
Single Cell Under-Discharge Cut-off Voltage	2.8V
Over-Current Discharge Protection	250A/500mS
Maximum Charge Current	200A
Recommended Charge Current	157A
Peak Discharge Current/Time	250A/500+/-20mS
Backup Run-time	24+ Hours for essential load
Cycle Life	>8000 times
System Connection	Up to 15 Batteries connected in parallel

4. Compliance and Safety

Certifications	CE, RoHS, CE, RoHS, SGS, IEC 62619, IEC 62368
Recycling	WEEE Compliant

5. VPP Ready:

Virtual Power Plant compatible system required.

6. Installation:

The GH-B16 Residential Home Battery requires professional installation to qualify for government rebates. Our certified technicians cover all WA regions.

Contact Us:



+61 8 929 729 69

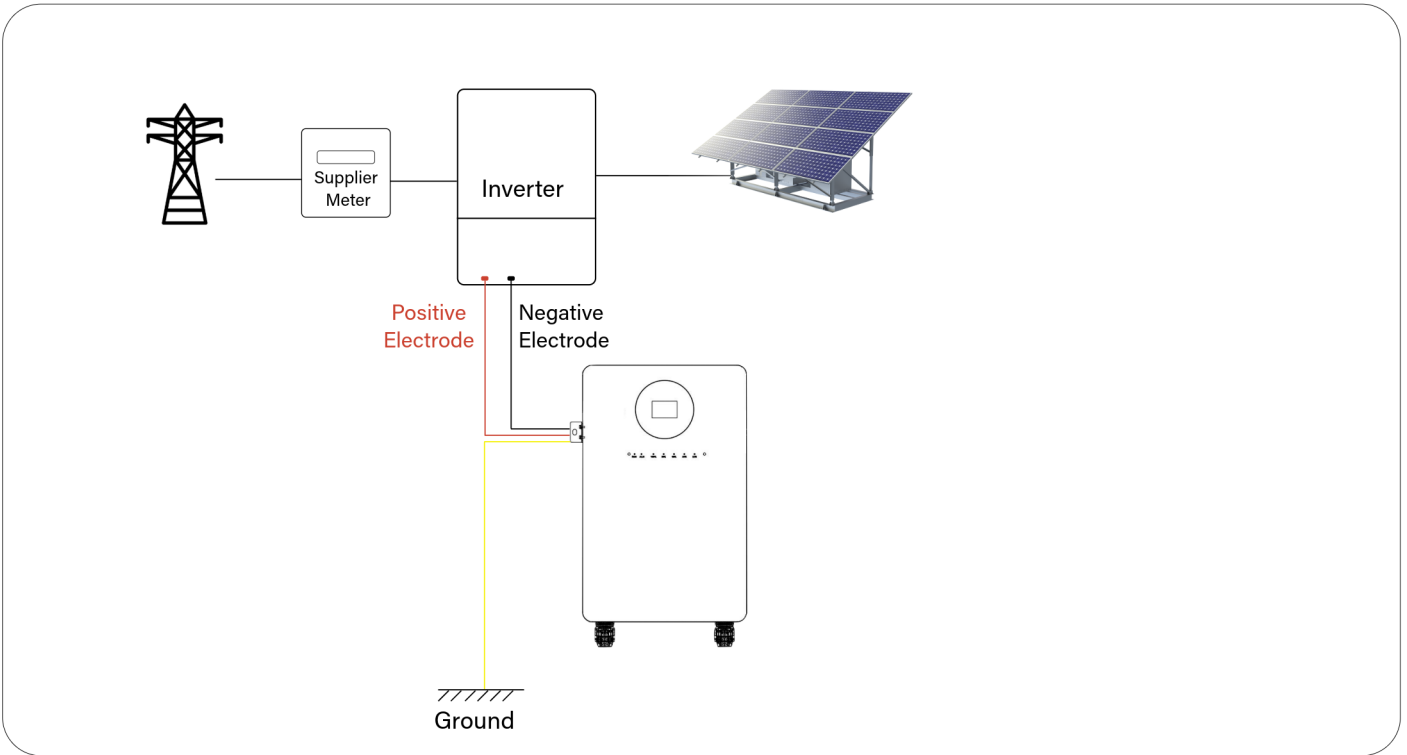


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GH-B16 Battery

Battery/Inverter System Connection

Single-Battery Connected in Parallel



Multiple Batteries Connected in Parallel
Use a parallel bus bar when installing two or more batteries.

