



Powering Business Worldwide

2500Wh Battery Pack Expansion for the GC3000L Portable Power Station

MODEL NUMBER: BPGC2500L



External battery pack provides extended runtime for equipment connected to the GC3000L portable power station in outdoor or indoor applications.

Features

Backup Battery Pack Gives Your Compatible Portable Power Station Extended Runtime

The BPGC2500L offers extended battery runtime when used in conjunction with certain Eaton portable power stations, such as the GC3000L (sold separately). It features a lithium iron phosphate battery (LiFePO4) that provides pure sine wave power to connected electronics. Cabling is included.

Provides Up to 2.5 kWh per Unit

This battery expansion module adds up to 2.5 kWh per unit when connected to a portable power station. When the maximum number of six BPGC2500L battery pack extensions are daisy-chained to a portable power station, a total of 17.5 kWh (including the power station's internal battery) extends runtime for connected equipment. LEDs indicate state of charge (SOC), voltage, temperature, alarm and other status information.

Specifications

OVERVIEW	
UPC Code	037332286130
Charging Form Factor	Direct Plug-In
Product Type	Portable Power Station
Accessory Type	Battery
Country/Region	North America
INPUT	
Input Phase	Single-Phase
Recommended Electrical Service	120V

Highlights

- Lithium-ion battery provides pure sine wave power to connected electronics
- Connects to GC3000L portable power station to allow additional runtime
- Adds up to 2.5 kWh per unit for a total of 17.5 kWh (max of 6 battery pack expansions)
- LED indicators provide SOC, voltage, temperature, alarm and other status information

System Requirements

Compatible with Eaton GC3000L portable power station

Package Includes

- BPGC2500L 2500Wh Battery Pack Expansion
- External battery cable
- Owner's manual



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Voltage Compatibility (VDC)	13-45
Input Cord Length (ft.)	2.46
Input Cord Length (m)	0.75
Power Source	Power Cord
OUTPUT	
Pure Sine Wave Output	Yes
Output Receptacles	Hardwire
Overload Protection	Over current protection, over/under voltage protection, short circuit protection, over/under frequency protection Overcurrent protection: current >53A; Effective current > 32.5A; Undervoltage protection: average voltage <170V; Overvoltage protection: average voltage > 276V
BATTERY	
Battery Type	Lithium-ion (LiFePO4)
Expandable Battery Runtime	Yes
DC System Voltage (VDC)	40-57.6
Battery Pack Accessory (Optional)	GC2500L battery pack, expandable to 17.5kWh
Typical Battery Lifespan	4000 cycles
Lithium Batteries	Yes
Capacity (Wh)	2560
Capacity (Ah)	50
VOLTAGE REGULATION	
Overvoltage Correction	Over current protection, over/under voltage protection, short circuit protection, over/under frequency protection Overcurrent protection: current >53A; Effective current > 32.5A; Undervoltage protection: average voltage <170V; Overvoltage protection: average voltage > 276V
CHARGING	
Total Charging Amps	50
Charging Method Detail	Unit must be connected via cable to GC3000L to recharge.
PHYSICAL	
Color	Black
Rack Height	0U
Cooling Method	Air
External Battery Pack Form Factor	Tower
Cable Length (in.)	29.52
Cable Length (cm)	75
Shipping Dimensions (hwd / in.)	22.80 x 13.70 x 13.40
Shipping Dimensions (hwd / cm)	57.91 x 34.80 x 34.04



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Shipping Weight (lbs.)	63.27
Shipping Weight (kg)	28.70
Unit Dimensions (hwd / in.)	14.000 x 10.600 x 8.860
Unit Dimensions (hwd / cm)	53.6x27.00x22.50
Unit Weight (lbs.)	55.6
Unit Weight (kg)	25.22
ENVIRONMENTAL	
Operating Temperature Range	-4° to 113°F (-20° to 45°C)
Storage Temperature Range	-4° to 113°F (-20° to 45°C)
Operating Humidity Range	10%-85% (non-condensing)
FEATURES & SPECIFICATIONS	
Overcurrent Protection	Yes
Overvoltage Protection	Yes
STANDARDS & COMPLIANCE	
Product Certifications	CAN/CSA-C22.2 No. 62368-1 (Canada); UL 62368-1
Product Compliance	FCC Part 15 Class B (USA); RoHS
WARRANTY & SUPPORT	
Product Warranty Period (Worldwide)	2-year limited warranty

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