

Portable Power Station - 3000W, Lithium-Ion (LFP), AC, DC, USB-A, USB-C, QC 3.0, LCD, Expandable Runtime

MODEL NUMBER: **GC3000L**



Emits 3000W of clean, quiet off-the-grid power to keep equipment running in outdoor or indoor applications.

Features

Lithium-Ion Portable Power Station Keeps Your Electronic Devices Operating Anywhere

The GC3000L features a lithium iron phosphate battery (LiFePO4) that provides pure sine wave battery power to essential electronics in industrial applications. A clean, quiet alternative to gas- or diesel-powered generators, this portable power station is ideal for locations where utility power is unreliable or unavailable, such as construction sites, workshops, fleet trucks, field medical sites, food trucks, farmer's markets and campsites.

Multiple Power Outputs Match a Wide Range of Devices

One NEMA TT-30R and three 5-20R AC outlets (120V), two 5.5 mm DC outputs (11–14V 10A), a CLA (cigarette lighter) output, two universal USB-A ports, two Quick Charge (QC) 3.0 USB-A ports, two USB-C charging ports and a single Anderson terminal output power and charge a variety of equipment, including auxiliary lighting, power tools and pumps, appliances, computers and printers, fans, heaters, even a coffee maker and toaster for a quick breakfast in camp.

Safe Off-the-Grid Power That Goes Where You Go

The GC3000L provides up to 3000 watts of backup power (or emergency backup power) that can be used on job sites or in work trucks. Built-in short-circuit and overpower protection helps keep your connected devices safe. Cooling vents deliver outside air that prevents internal overheating. A front-panel LCD display gives you input, output and battery capacity information at a glance.

Rechargeable Power Source Allows a Long Life

The LiFePO4 batteries can be charged and discharged more than 4000 times before capacity begins to wane. For your convenience, batteries can be charged in as little as 1.2 hours in three different ways: a standard AC wall outlet using the included AC adapter, a vehicle's CLA connector or user-supplied solar panels (sold separately). The GC3000L also supports up to six expansion battery packs (including BPGC2500L, sold separately) for extended runtime in the field.

Convenient to Take with You Indoors or Outdoors

The retractable handle and heavy-duty wheels make it easy for you to roll the GC3000L wherever needed. Because the portable power station is battery-powered, unlike a gas generator, it requires no ventilation and can be used indoors. It also runs quietly. The portable power station weighs 75 pounds (34 kilograms). Two anti-slip gloves are wrapped in the front and rear handles to help prevent mishandling of

Highlights

- Emission-free alternative to gas-powered generators can be used indoors and outdoors
- Ideal for locations or applications where utility power and generators are impractical
- AC/DC/USB-A/USB-C/QC 3.0/DC5521 outputs can power a wide range of equipment
- Offers multiple recharging options for your convenience, such as a standard AC outlet
- Expandable battery runtime available with optional battery pack (sold separately)

Applications

- Education K-12 ClassroomUniversity Classroom / Lab
- Recreational RV / Personal BackupOff-grid
- Municipal / Institutional Special events Entertainment
- Construction (Job Sites) Mobile Office Equipment
- Medical Hospitals / Clinics / LabsRefrigeration, Medical Dispensing
- Retail / POS Pop Up Stores / Food TrucksRefrigeration
- Military Locations Mobile office backup
- Computers & Networks Temporary systems

Package Includes

- GC3000L Portable Power Station, 3000W
- AC power adapter
- Anti-slip gloves
- Owner's manual



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the GC3000L.

Specifications

OVERVIEW	
UPC Code	037332286123
Charging Form Factor	Direct Plug-In
Product Type	Portable Power Station
Device Compatibility	Amazon Kindle; Chromebook; Computer; Headphones; Phone; Radio; Tablet
Technology	USB
Country/Region	North America
INPUT	
Input Phase	Single-Phase
Power Input Connections	DC7909; IEC-320-C20
AC Power Adapter Plug(s)	NEMA 5-15P North America
AC Power Adapter Input Specs (V / Hz / A)	100-120 VAC, 60Hz, 15A
AC Power Adapter Cord Length (ft.)	6.56
Solar Panel	Supports up to 800W via 2 DC7909 connections (400W each)
Nominal Input Voltage(s) Supported	120V AC
Recommended Electrical Service	120VAC
Voltage Compatibility (VAC)	120
Voltage Compatibility (VDC)	12-45
Input Cord Length (ft.)	6.56
Input Cord Length (m)	2.00
OUTPUT	
Power Output Connections	(3) NEMA L5-15R; (2) USB A (FEMALE); (2) USB B (FEMALE); (2) USB C (FEMALE)
Frequency Compatibility	60 Hz
Pure Sine Wave Output	Yes
Output (Watts)	3000
Output AC Waveform (Battery Mode)	Pure Sine wave
Nominal Output Voltage(s) Supported	120V
Output Receptacles	(3) 5-20R; (1) TT-30R
Continuous Output Capacity (Watts)	3000



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Peak Output Capacity (Watts)	3000
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
Output Voltage (VDC)	5-15
BATTERY	
Expandable Runtime	Yes
Expandable Battery Runtime	17.5 kWh
Battery Pack Accessory (Optional)	GC2500L battery pack, expandable to 17.5kWh
Battery Charge	4000 cycles
Lithium Batteries	Yes
Internal Battery Details	LiFePo, Prismatic Cell, UL 1973
Battery Recharge Options	AC Outlet; Cigarette Lighter Adapter (CLA); Solar Panel
Capacity (Wh)	2560
Capacity (Ah)	50
POWER	
USB Power Delivery (PD) Charging Support	Yes
CONNECTIONS	
Number of Ports	13
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
USER INTERFACE, ALERTS & CONTROLS	
Front Panel LCD Display	Displays input, output, status alerts and battery information
Front Panel LEDs	3-level brightness adjustment; SOS display
LED Indicators	Short-press LED light button to switch four gears, which are low light, medium light, high light, SOS and light off. Long-press LED light button to exit AC automatic shutdown setting to toggle the battery icon flash.
CHARGING	
Number of Charging Ports	13
Total Charging Amps	102
Total Charging Watts	1800
Charging Method	AC; USB
Charging Port Type	(3) NEMA L5-15R; (2) USB A (FEMALE); (2) USB B (FEMALE); (2) USB C (FEMALE)



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Charging Ports Details	AC output (x3-2400W): 20A AC output (x1-3000W): 25A AC output (bypass mode): 15A USB-A - 2.4A USB-A QuickCharge - 1.5A USB-C - 5A, PD Anderson Terminal - 30A DC5521 - 3AQuick Charge voltage 5/9/12 VDC
Charging Ports / Amps	(1) 1.5A; (1) 2.4A; (1) 3A; (1) 5A; 15A
Smart Charging Details	Simultaneous charge / discharge at the same time, supports PV + AC charging, 1.7 hours in 0-100% charge in fast charge mode.
Compatible Devices	Chromebook; Laptop; Portable Speaker; Smartphone; Tablet
PHYSICAL	
Color	Black
Cooling Method	Air
Shipping Dimensions (hwd / in.)	22.83 x 13.70 x 17.91
Shipping Dimensions (hwd / cm)	57.99 x 34.80 x 45.49
Shipping Weight (lbs.)	80.25
Shipping Weight (kg)	36.40
Unit Dimensions (hwd / in.)	21.100 x 11.900 x 11.830
Unit Dimensions (hwd / cm)	54 x 27 x 32
Unit Weight (lbs.)	73
Unit Weight (kg)	33.11
ENVIRONMENTAL	
Operating Temperature Range	-4° to 113°F (68° to 86°F preferred)
Storage Temperature Range	-4° to 113°F (68° to 86°F preferred)
Operating Humidity Range	10%-85% (non-condensing)
LINE / BATTERY TRANSFER	
Transfer Time (Line Power to Battery Mode)	14mS
FEATURES & SPECIFICATIONS	
Overcurrent Protection	Yes
Overvoltage Protection	Yes
STANDARDS & COMPLIANCE	
External Power Supply Certifications	CSA; FCC; UL
Product Certifications	CAN/CSA-C22.2 No. 107.1 (Canada); CAN/CSA-C22.2 No. 107.3 (Canada); UL 1012; UL 1741; UL 1778; UL 1973
Product Compliance	FCC Part 15 Class B (USA); ICES-003 Issue 7; RoHS



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WARRANTY & SUPPORT

Product Warranty Period
(Worldwide)

2-year limited warranty

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