Portable Power Station - 500W, Lithium-Ion (NMC), AC, DC, USB-A, USB-C, QC 3.0

MODEL NUMBER: **GC500L**











Produces 500W of clean, quiet off-the-grid power to keep equipment running in industrial and enterprise applications.

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 outputs can power a wide range of devices
- Offers multiple recharging options for your convenience, such as a standard AC outlet
- Comfortable, durable handle enables easy carrying to the worksite

Package Includes

- GC500L Portable Power Station, 500W
- AC power adapter
- Cigarette lighter power adapter
- Owner's manual

Features

Lithium-Ion Portable Power Station Keeps Your Electronic Devices Operating Anywhere
The GC500L features a lithium nickel manganese cobalt oxide battery (NMC) that provides pure sine wave battery power to essential electronics in industrial and enterprise 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 and field medical sites.

Multiple Power Outputs Match a Wide Range of Devices
Two NEMA 5-15R AC outlets (120V), four 5.5 mm DC outputs (9–12.6V 10A), a CLA (cigarette lighter) output, two universal USB-A ports (5V 3.1A), one Quick Charge (QC) 3.0 USB-A and one QC 3.0 USB-C port 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 quick energy on the job. QC options can charge your compatible smartphone or tablet up to four times faster than conventional USB ports over a 5V–9V 2A range.

Safe Off-the-Grid Power That Goes Where You Go
The GC500L provides up to 500 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. Side cooling vents deliver outside air that prevents internal overheating. A front-panel LED display gives you input, output and battery capacity information at a glance.

Rechargeable Power Source Allows a Long Life
The NMC batteries can be charged and discharged more than 1000 times before capacity begins to wane. For your convenience, batteries can be charged in three different ways: a standard AC wall outlet using the included AC adapter, a vehicle's CLA connector using the included adapter or a user-supplied solar panel.

Convenient to Take with You Indoors or Outdoors
A built-in fold-down handle makes it easy for you to carry the GC500L wherever needed. Because the portable power station is battery-powered, unlike a gas generator, it requires no ventilation and can be used indoors. The portable power station weighs just 14.3 pounds (6.5 kilograms).

Specifications

OVERVIEW	
UPC Code	037332276636
Charging Form Factor	Direct Plug-In; Portable
Product Type	Portable Charger
Device Compatibility	Computer; Laptop; Phone; Printer; Tablet
Country/Region	North America
INPUT	
Power Input Connections	5521 DC POWER PLUG (MALE); HARDWIRE
AC Power Adapter Plug(s)	NEMA 1-15P North America
AC Power Adapter Input Specs (V / Hz / A)	110V / 60 Hz / 2A
AC Power Adapter Output Specs (V / A)	DC 15V / 6A
AC Power Adapter Cord Length (ft.)	6
AC Power Adapter Cord Length (m)	1.83
Solar Panel	DC 13V~22V 6A Max (user-supplied panel)
Voltage Compatibility (VAC)	110
Input Plug Type	NEMA 1-15P
OUTPUT	
Power Output Connections	(4) 5521 DC POWER PLUG (MALE); (1) Car Cigarette Lighter; (2) NEMA 5-15R; (3) USB A (FEMALE); (1) USB C (FEMALE)
Output Capacity (Watts)	500
Frequency Compatibility	60 Hz
Pure Sine Wave Output	Yes
Output AC Waveform (Battery Mode)	Pure Sine wave
Output Receptacles	(2) 5-15R
Continuous Output Capacity (Watts)	500
Peak Output Capacity (Watts)	1000
Output Nominal Voltage	110V
Overload Protection	Yes
Output Voltage (VDC)	(4) 5521 DC Power: 9~12.6V/10A (12A max)
BATTERY	
Battery Type	Lithium-ion (LiFePO4)

Typical Battery Lifespan	More than 1,000 charge/discharge cycles
Lithium Batteries	Yes
Internal Battery Details	520Wh/140400mAh
Battery Recharge Time	8-10 hours
Battery Recharge Options	AC Outlet; Cigarette Lighter Adapter (CLA); Solar Panel
Capacity (Wh)	520
Capacity (Ah)	140.4
USER INTERFACE, ALERTS & CONTROLS	
LED Indicators	LED display provides USB, Quick Charge 3.0, DC, USB-C, Input, and AC Output Status as well as Battery Capacity
CHARGING	
Number of Charging Ports	4
Total Charging Amps	6A
Charging Method	USB
Charging Method Detail	140,400 mAh
Charging Port Type	(3) USB A (FEMALE); (1) USB C (FEMALE)
Charging Ports	(2) USB-A: 5V 3.1A; (1) USB-A: 5V~9V 2A Quick Charge 3.0; (1) USB-C: 5V~9V 2A Quick Charge 3.0
Charging Ports Details	**USB Output**1x USB-A 5V~9V 2A Qualcomm Quick Charge 3.01x USB-C 5V~9V 2A Qualcomm Quick Charge 3.02x USB-A 5V 3.1A
Charging Ports / Amps	(2) 2A; (2) 3.1A
Compatible Devices	Laptop; Smartphone; Tablet
PHYSICAL	
Color	Black; Blue
Total Number of Ports	4
Unit Dimensions (hwd / in.)	6.920 x 12.050 x 7.870
Unit Weight (lbs.)	14.3
Unit Weight (kg)	6.49
ENVIRONMENTAL	
Operating Temperature Range	14° to 104°F (-10° to 40°C)
FEATURES & SPECIFICATIONS	
Overcurrent Protection	Yes
Overvoltage Protection	Yes
Over Current Protection	Yes
Quick Charge Compliant	3.0

STANDARDS & COMPLIANCE	
External Power Supply Certifications	CE; FCC; PSE; UKCA; UL; WEEE
Product Certifications	ICES (Canada)
Product Compliance	CE (Europe); FCC Part 15 Class B (USA); RoHS
WARRANTY & SUPPORT	
Product Warranty Period (Worldwide)	2-year limited warranty

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