

ExpertBattery's Portable Power Generator

Part Number: PGPX2400



ExpertBattery's 12V 200Ah Li-Po Solar Generator Power Supply

12V 200Ah / 648,648mAh
Wh: 2400Wh
Wattage: 1000 Watts
Item Weight: 48.50 pounds
Battery Chemistry: Lithium Polymer
Brand of Battery Cells: LG
Dimensions: 19.43" x 6.51" x 14.36"



Every individual is unique and we tailor our service to meet the needs of our buyers. If at anytime our buyers require assistance, we are a message or phone call away.

What's New?

Clean energy, powerful outputs, and environmentally friendly? What's not to love about ExpertBattery's NEW 2400 Portable Power Generator. Unlike traditional heavy gas generators, this light weight generator will provide users with the power they need with minimal maintenance. The generator equipped with pure sine wave inverter of 1000W power rating, peaking at 3000W with 2400Wh (equivalent with 12V 200Ah battery) to power devices. Weighing in at 48.50 pounds, this generator is ideal for all users with 110V AC outputs, 12V DC output, 4 USB outputs and Type-C PD output.



VS



Comparisons Between Our Power Station with SLA Battery

	Our 2400Wh Unit	12V 200Ah Lead Acid Battery
Battery Capacity:	2400Wh	2400Wh
Weight:	48.50 lbs	132.28 lbs
Eco-Friendly:	Yes	No
Using Environment:	Readily capable to handle spikes in AC power with less impact to capacity, ideal for devices with high surges.	Spikes in AC power will deplete capacity, ideal for long, low power draws. It's a thing called Peukert's Law.

The Rechargeability

Clean and Fumes Free

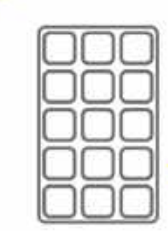
This unit doesn't need to add fuels to keep it running. Days are over to prepare the gas and propane along the way. This unit is also environmental-friendly by charging it with house socket or with solar panels. It's easy to use by simply plug-n-play and ready to use! The package contains solar charging cable and wall charging cable for your ease of use.

- Solar: fully charge in 8 hours with 400W panel.
- Wall: fully charge in 12 hours.

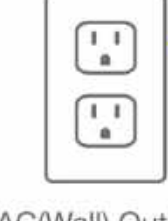
Charging Specs

AC Adapter Charger: 42V 200W
 PV Max Input power: 500W
 PV Input Voltage range: 16-60Vdc (open circuit voltage)
 PV Max Input current: 10A (short circuit current)
 MPPT Efficiency: 99.5%

2 Ways To Charge: With Pure Sine Wave Inverter



Solar Panels
recharge in 7 hours
with 500W panel

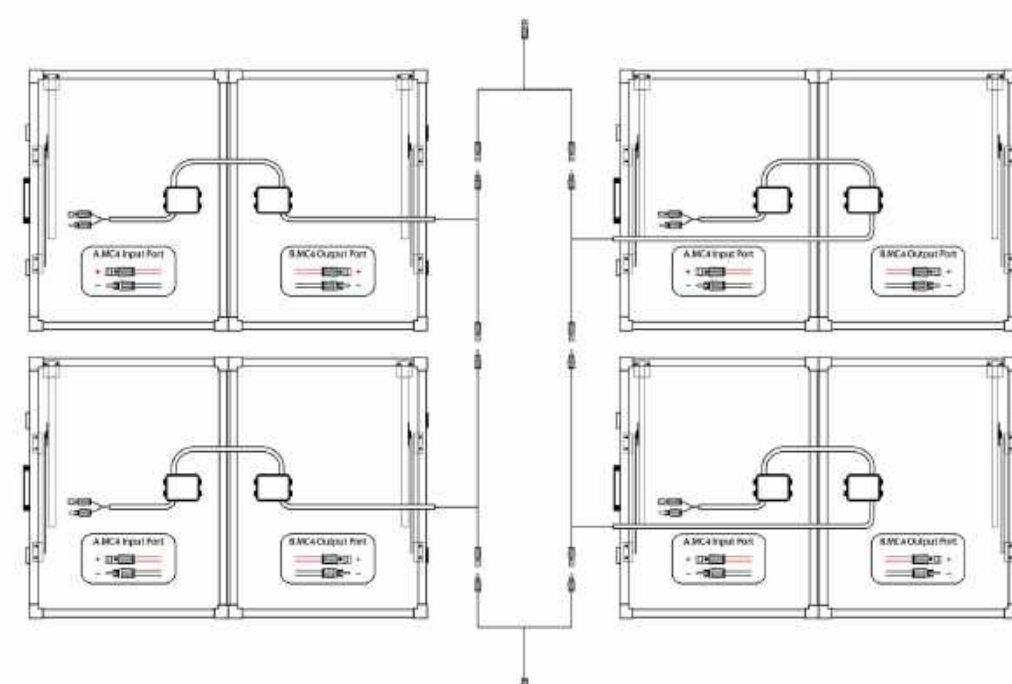


AC(Wall) Outlet
recharge in 16 hours



Solar Suitcase

Wiring Diagram Example



Do Not Connect the Input and Output Port Cables on the Back of One Unit Together. Doing so May Short Circuit the Boards.

Solar Charging Using Tips

It has MPPT solar charge controller installed inside.

- **When Connecting Panels In Series:**
Please make sure the total voltage (Voc) is lower than 60-Volt
- **When Connecting Panels In Parallel:**
Please make the total current (Isc) is lower than 10-Amp
- **How To Calculate The Solar Charging Time:**
Please use this formula on a sunny day.
2400Wh / Total Wattage of the Solar Panels / 75%. So, for a 400W panel, the estimated charging time would be 2400Wh/400W/0.75=8 hours

Safety First:

Our 2400Wh Portable Power Generator is certified by the Federal Communications Commission (FCC) and Conformité Européenne (CE) certified. The generator contains a built-in fuse that protect against: short-circuit, low-voltage, over-charge, over-discharge, over-voltage, and over-load.

Versatility in usage:

- Camping/RV Living
- Backup power for emergencies and natural disasters
- Medicine
- Fishing
- Recharging laptops and phones
- Outdoor and Indoor Use
- Use around the yard without the hassle of long extension cords



Power Buttons

Using The Power Securely

Turn On: press the first ON/OFF power button more than 1 second to turn on the LCD screen. And doing the same thing to turn on the 12V DC output and 110V AC output at the back of the unit.

Turn Off: press the power button more than 1 second to turn off certain output (DC or AC) or the LCD screen.

For All U.S orders - we accept Paypal and Credit Cards as forms of payment.

If an E-Check is used, it will take between 3-5 business days to clear.

International Orders – Paypal Only