



ECO-WORTHY
ENERGY FOR INDEPENDENCE

Rv&Off Grid system



- Real-time monitoring
- Connect via Bluetooth
- Check battery status
- Multiple working modes

Portable Power Station 2400W/2048WH

FEATURES

High-power pure sine wave output

Built-in 2048Wh LiFePO4 battery with a 2400W pure sine wave inverter, capable of stably powering high-load devices such as refrigerators, coffee machines, electric ovens, washing machines, and air conditioners, with a peak power of up to 4800W.

Ultra-fast charging + 1200W solar input

Supports Q/N/S three-stage AC charging modes, fully charging in as fast as approximately 1.1- 1.2 hours, with silent charging at night in S mode

Full interface output, supports charging and discharging

Equipped with 3×AC, USB-C (100W/27W), USB-A QC, car charger, and DC ports, it can power more than 10 devices simultaneously. Supports pass-through charging, allowing it to charge itself while powering other devices.

Multiple working modes

ECO Energy-Saving Mode: Low load $\leq 50W$ / No load automatic shutdown after 4 hours Auto-Sleep Super Power Mode ($\leq 3600W$ pure resistive devices) UPS and ATS Automatic Switching Function: Supports up to 1800W maximum UPS bypass



Improve People's Life With Independent Clean Energy



Mechanical Specication

Length	28.31in / 465mm
Width	10.24in / 260mm
Height	11.61in / 295mm
Weight	51.6lbs / 23.5kg

FEATURES

1.2 hours AC fast charging + 1200W solar input:

Efficiently recharge outdoors and provide stable power all day.

Comprehensive quality protection: Uses A-grade LiFePO4 batteries, which can be cycled over 3,500 times (SOH $\geq$ 70%)

Built-in overcurrent, overvoltage, undervoltage, overload, short-circuit, over-temperature protection, intelligent temperature-controlled cooling system, and circuit protection switch (AC overload automatic shutdown)



Model	ECO-PS2400W
Battery Capacity	LiFePO42048Wh5%(40Ah/51.2V)
AC Input Charging	AC 196-264V/1500W Max
Car Input Charging	DC 12V-32V/320W Max
Solar Input Charging	DC16V~100V/25A1200WMax
Output Port	AC Output*3: 230V, 50Hz,2400W, Peak 4800W Note:When the battery capacity 5%, AC output will be off When the battery capacity3%, DC&USB outputs will be off. (In order to protect the battery cycle life.) USB Output 1: QC18W Max (5V2.4A&9V2A&12V1.5A) USBOutput2: QC18W Max (5V2.4A&9V2A&12V1.5A) USB Type-C 1: PD100W (5V3A&9V3A&12V3A&15V3A&20V5A) USB Type-C 2: PD27W (5V3A&9V3A&12V2.25A&15V1.8A&20V1.35A) 1*Cigarette Lighter 13.8V/12A Max +2*DC5521 Rated Output 13.8V/5A Max(Total 12A Max)
AC Output Waveform	Pure Sine Wave
LED Light	3W MAX, 3 Levels (L/M/H adjustable) with SOS function
Safety Protection	Short-Circuit Over-Current Over-Voltage Low-Voltage Over-Load Over-Temperature
Battery Cycle Life	3500 times, SOH $\geq$ 70%
Pass-Through Charging	Support
Weight & Size	23.5kg/51.6lbs 465×260×295mm/28.31×10.24×11.61in
Environmental OperatingTemperature	Charge Temperature:0~40°C (32~104°F) Discharge Temperature:-10~40°C (14~104°F)