

600Wh Portable Power Station with LiFePO4 Battery

This portable power station features a 600Wh LiFePO4 battery, providing a reliable backup power source. It delivers 220V power through 500W pure sine wave AC outlets, ensuring compatibility with sensitive electronics.



ADDITIONAL IMAGES



Overview

EMERGENCY BACKUP POWER



Power outage in your neighborhood? Be prepared for the worst situations with this reliable 300wh back-up off grid power source.

UP TO 8 DEVICES AT ONCE



With 8 output ports, RYDBATT portable power station can recharge and power up to 8 devices at once through the 2x AC ports, 3x USB ports, and the 3x 12v ports.

SOLAR ENERGY GENERATOR



Combine with a solar panel that has maximum power point tracking (MPPT) to create a powerful and quiet renewable energy generator anywhere.

Reliable 600Wh capacity designed for emergency backup and off-grid solar generation.

Versatile Energy Solution

This 600Wh portable power station is engineered with a high-safety LiFePO4 battery, providing a reliable off-grid power source for outdoor camping and emergency backup. It features a 500W pure sine wave inverter to safely power sensitive electronics and supports multiple charging methods including solar, DC, and high-speed USB-C PD. With the ability to power up to 8 devices simultaneously, it serves as a comprehensive energy hub for professional and recreational use.

Battery & Capacity

Battery Chemistry

LiFePO4 • Lithium-ion

Energy Capacity

600 Wh

Total Capacity

23.4 Ah

Battery Rating

AC Output

AC Performance

500 W

Continuous Power

400 W

Surge Power

AC Output Details

- Waveform: Pure Sine Wave
- Output Voltage: 110V/220V
- Number of Outlets: 2

DC & USB Ports



Comprehensive output panel including 110V AC outlets and high-speed USB ports.

USB Output Ports

Port Type	Specifications
USB-A (x2)	5V 2.4A
USB-C (PD)	Up to 100W Input/Output (5V-20V)
Max USB Wattage	69W Continuous

DC Output Ports

- 1x Car Port: 12V 10A
- 2x DC Sockets (5521): 12V 8A
- Max DC Wattage: 120W

Charging & Input

Charging Inputs

- DC Input: 15V 3A
- Solar Charging: Built-in MPPT (DC 5V to 24V)
- USB-C PD: 100W Input support

Physical Design



The integrated LCD provides real-time monitoring of battery percentage and power flow.

Dimensions	9.4 x 5.2 x 7.9 inches
Unit Weight	2.4 kg
Integrated Features	LCD Display, LED Light, SOS Mode, MPPT Controller

Compliance & Support

Certifications	FCC, CEC, PSE, RoHS
Warranty	2 years
Operating Temperature	14°F to 104°F