

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	UP TO 8 DEVICES AT ONCE	SOLAR ENERGY GENERATOR
<p>Power outage in your neighborhood? Be prepared for the worst situations with this reliable 300wh back-up off grid power source.</p>	<p>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.</p>	<p>Combine with a solar panel that has maximum power point tracking (MPPT) to create a powerful and quiet renewable energy generator anywhere.</p>

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