

320Wh Portable Power Station with 45W Fast Charge

This portable power station delivers 320Wh of power with DC, AC, and USB outputs. It supports 45W fast charging for phones and other compatible devices.



ADDITIONAL IMAGES



Overview

Versatile 320Wh Portable Power Solution

This portable power station provides a reliable 320Wh capacity, making it an ideal companion for outdoor camping, RV trips, and emergency backup. It features a diverse range of outputs including AC 110V/220V, DC 12V, and high-speed USB-C 45W PD charging to support everything from smartphones to small appliances. Designed for portability at just 2.4kg, it integrates a multi-mode LED light and SOS function for added safety during off-grid adventures.

Key Performance Metrics

Performance Highlights

320 Wh Battery Capacity	200 W Rated AC Output	45 W USB-C PD Output	2.4 kg Unit Weight
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AC Output Specifications

AC Sine Wave Output

Parameter	Value	Protection/Remark
Voltage Range	200V - 240V	Pure Sine Wave
Rated Power	200W	Peak 300W protection
Frequency	50 Hz (±3Hz)	-
Efficiency	>85%	High conversion rate

DC & USB Outputs

DC and USB Ports

- 2x DC 5521 Ports (12V/10A Total)
- 1x Car Cigarette Lighter Port (12V/10A)
- 2x USB-A Ports (5V/2.4A each)
- 1x Type-C PD Port (45W Fast Charge)
- Pass-through charging supported

Charging & Input

Charging Options

Method	Voltage Range	Max Power
DC Adapter	10V - 25V	45W
Solar Panel	18V - 24V	With MPPT function
PD Input	Via Type-C	45W

Battery & Safety

Battery Management

Feature	Specification
Typical Capacity	250,000 mAh
Max Continuous Current	30A (Instantaneous 60A d 2S)
Operating Temp (Discharge)	-10°C to 40°C
Safety Protections	Short circuit, Over-voltage, Over-current, Over-temperature
Self-Consumption	< 2mA

Physical Design

Dimensions	240.9mm x 133mm x 201.44mm
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Lighting Function

Integrated LED Light

- 12 LED lamps
- Color Temperature: 4500K
- Power Consumption: 3.6W - 5.25W
- Functions: Lighting & SOS mode

Certifications



Our power stations are backed by extensive certifications including CE, EMC compliance, and multiple utility patents for safety and innovation.

Compliance & Standards

CE • EMC Compliant • Utility Model Patent • Software Copyright • ISO Standards