

Portable Power Station VTOMAN FlashSpeed600 600W



Model: FlashSpeed 600

Manufacturer: VTOMAN

EAN: 6979127740349

Product Code: 1585929

R8,619

VTOMAN FlashSpeed600 600W Portable Power Station

The VTOMAN FlashSpeed 600 is a portable power station with a capacity of 499 Wh, a continuous power output of 600 W, and a peak power output of up to 1200 W. Pure Sine Wave technology ensures a clean sine wave, while V-Beyond Technology allows it to reach a maximum power of 1,200 W. A total of 8 ports are available, allowing you to power up to 8 devices simultaneously. The power station also supports a UPS function with a switchover time of less than 20 ms and fast charging to 80% in about 1 hour.

Durable LiFePO4 Battery

The FlashSpeed 600 uses a LiFePO4 battery with a lifespan exceeding 3,000 cycles until it retains 80% of its original capacity. The DOD is 90%, allowing you to utilize a large portion of the stored

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energy. The battery's declared shelf life is 5 years, and its operation is monitored by the SuperSafe™ LIFEBMS™ system with 10 layers of protection.

Expand capacity up to 2,047 Wh

The base capacity of the station is 499 Wh, but it can be increased to 2,047 Wh if needed by connecting an additional FlashSpeed 1500 battery, available separately. This solution allows you to extend the runtime of connected devices and better prepare for longer periods away from the power grid. The additional battery is not included in the standard package.

8 ports for multiple devices

The VTOMAN FlashSpeed 600 is equipped with two AC outlets rated at 600 W continuous and 1,200 W peak power, two USB-A ports rated at up to 18 W each, and two USB-C ports rated at up to 100 W each. It also features a DC5521 12 V / 10 A output and a 12 V / 10 A car charger port, with a maximum combined power output of 120 W. In total, the station can power up to 8 devices simultaneously, making it easy to use various types of electronics and electrical equipment.

Fast Charging from Multiple Sources

The station can be charged from the mains via a 220–230 V AC input with a maximum power of 400 W. There is also a DC5521 input (12–50 V) with a power rating of up to 200 W, as well as an Anderson port for solar charging, which also supports 12–50 V and up to 200 W. The FlashSpeed 600 can reach an 80% charge level in about 1 hour, allowing it to quickly return to operational readiness.

UPS Function and Pass-Through Charging

The UPS function allows the FlashSpeed 600 to be used as an emergency power source. The switchover time is less than 20 ms, enabling a rapid transition to battery power in the event of a mains power outage. The unit also supports pass-through charging, so it can simultaneously charge its own battery and power connected devices.

Portable Design for Various Conditions

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The VTOMAN FlashSpeed 600 weighs 7.2 kg and measures 316 × 203 × 243 mm, making it easy to transport as needed. The operating temperature range is from -20°C to 55°C, while charging can take place at temperatures ranging from 0°C to 55°C. The combination of 600 W of power, an extensive set of ports, UPS functionality, fast charging, and the ability to expand capacity makes the power station well-suited for use as both a mobile and emergency power source.

Included in the package

VTOMAN FlashSpeed 600 Power Station x1

Car charger cable x1

AC charging cable x1

USB-C to USB-C cable x1

USB-A to USB-C cable x1

User manual x1

Manufacturer	VTOMAN
Name	FlashSpeed 600 Portable Power Station
Model	PB-86
Capacity	499 Wh
Maximum capacity with expansion	2047 Wh
Additional battery	FlashSpeed 1500, sold separately
Cell type	LiFePO4
Lifespan	Over 3,000 cycles to 80% capacity
Storage life	5 years
DOD	90%
Battery management system	SuperSafe™ LIFEBS™
Number of protection layers	10

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Number of output ports	8
Number of devices that can be powered simultaneously	Up to 8
AC outlets	2
Continuous AC power	600 W
Peak AC power	1,200 W
AC output technology	Pure Sine Wave
Technology	V-Beyond Technology
USB-A ports	2
USB-A specifications	5 V 3 A / 9 V 2 A / 12 V 1.5 A
Maximum USB-A port power	18 W
USB-C Ports	2
USB-C Specifications	5 V 3 A / 9 V 3 A / 12 V 3 A / 15 V 3 A / 20 V 3 A / 20 V 5 A
Maximum USB-C Port Power	100 W
DC5521 output	12 V 10 A
Car power outlet	12 V 10 A
Maximum DC output power	120 W
AC input	220-230 V
Maximum AC input power	400 W
DC5521 input	12-50 V
Maximum DC5521 input power	200 W
Anderson input	12-50 V
Maximum Anderson input power	200 W
Fast charging	Up to 80% in about 1 hour
UPS function	Yes
UPS switchover time	<20 ms
Pass-through charging	Yes
Net weight	7.2 kg / 15.9 lb
Dimensions	316 × 203 × 243 mm / 12.4 × 7.9 × 9.5 inches

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Operating Temperature

-20°C to 55°C / 14°F to 113°F

Charging temperature

0°C to 55°C / 32°F to 113°F

GPSR Link: https://psr-assets.innpro.pl/energy/sg_energy_power_stations.pdf, PPWR:

<https://ppwr.innpro.pl/en/vtoman>, Gross weight: 9810, Net weight: 7200, Box length: 40,00, Box width: 34,00, Box height: 30,00

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