

BP3600

SMART Mobile Power Portable Power Station

3430Wh
3600W



CHARGE IT
3000W Max.



Wall Outlet



Solar Panel

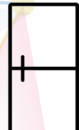


DC charging
(Optional)



Gen-mate
inside

POWER ALL
3600W Max.



PRODUCT INTRODUCTION

With the BP3600 portable power station, you can enjoy a safe, reliable, and hassle-free power supply in any situation. Delivering a continuous output of up to 3600W and featuring a built-in 3430Wh LiFePO₄ battery, it easily meets the power demands of household appliances such as refrigerators, washing machines, microwaves, air conditioners, as well as various high-power power tools. Equipped with a built-in bidirectional inverter, it supports fast charging via AC power, solar panels, and a smart generator, allowing you to charge up to 80% in just one hour anytime, anywhere. The integrated auto-start/stop controller enables quick setup of a small-scale hybrid energy system with a generator, facilitating complementary power supply from solar and generator sources. The charging system supports real-time power adjustment to meet the needs of professional users. It features a built-in 2400W MPPT controller, making it compatible with various portable solar panels for rapid charging. With a switching time of less than 10ms between AC power and battery, it can also serve as an uninterruptible power supply (UPS). The unit boasts an IP53-rated metal housing, with a fully enclosed battery pack rated at IP66 for enhanced protection, and a built-in automatic fire suppression system, ensuring safe and stable operation even in harsh environments. Its portable design includes wheels and telescopic handle for effortless transport. The BP3600 is equipped with an intelligent wireless monitoring system, allowing remote startup or shutdown of the power station via a mobile app, as well as real-time monitoring of operating parameters. Whether used as a mobile power source for fieldwork, outdoor work, and disaster relief, as a portable power supply for outdoor living and travel, or as an all-in-one solar energy storage system for the home, the BP3600 helps you break free from the constraints of the grid and enjoy complete power freedom in any scenario!

PRODUCT ADVANTAGES

- Built in 3430Wh LiFePO₄ battery with professional solar bidirectional inverter, support for 3.6kW output and 3kW charging.
- Support various fast charging methods such as utility, solar and smart generator.
- Built in MPPT controller, support for 2400W solar charging.
- Built in ATS controller, which can quickly build a small hybrid power system with the generator.
- The charging power is adjustable in real-time, adapting to different charging conditions.
- Unit IP53 and Battery Pack IP66 protection grade.
- Metal enclosure with integrated auto-extinguishing device – ultimate safety design.
- Standard with UPS function, transfer time between utility and battery less than 10ms.
- Portable design with large rollers.
- The intelligent control and monitor by smartphone APP.
- Conformed to EU and US security certification.
- Better quality with 5 years warranty.

BP3600 SPECIFICATIONS



UN
38.3



Model	BP3600
Dimensions/Weight	431X233X555mm / 42kg, Without Wheels or Telescopic Handle 497X315X572mm / 45kg, With Wheels & Telescopic Handle
Battery	LiFePO ₄ , 3430Wh, 67Ah(51.2V), 5000 cycles to 80%+capacity
Operating Temperature	Discharging Temperature: -20℃~50℃, Charging Temperature: 0℃~45℃
Transfer Time	≤10ms
Interactive Interface	LCD Panel / APP
Optional Function	Wheels & Telescopic Handle
Protection Grade	Unit IP53 / Battery Pack IP66

OUTPUT

AC Output (10/16A×5)	Rated Power	3600W / VA
	Peak Power	7200W / VA
	Output Waveform	Pure-Sine Wave, THD<3%
	Rated Voltage	100/110/120V, 220/230/240V
DC Output	Rated Frequency	50/60Hz
	Cigarette Lighter Port(×1)	12V/10A
USB Output	5521 Port(×4)	12V/3A
	USB(×2)	5V/3.1A
	QC3.0(×1)	QC3.0(5V/3.4A, 9V/2A, 12V/1.5A)
	Type-C(×1)	PD60W(5V/3A, 9V/3A, 12V/3A, 15V/3A, 20V/3A)

CHARGING INPUT

AC	Wall Outlet & AC Generator	220~240VAC	Max. 3000W, 1.2 hours fully charged
		100~120VAC	Max. 1800W, 2 hours fully charged
Solar	MPPT Control System		12~150VDC, 25A MAX, Max. 2400W, 1.5 hours fully charged
DC(optional)	Car Cigarette Lighter Port		12~30V, 8A MAX, Max. 200W, 18 hours fully charged

ADD-ONS(Sold Separately)

SE Series Smart Inverter Generator	100~240VAC, Max. 1.8~3kW
DSF/DS Series Solar Panels	41V/82V, Max. 2400W



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