

PowerGiant 3600 (CE)

Product Introduction

The PowerGiant 3600 is a next-generation High-Performance Industrial Mobile Power Station featuring 230VAC input/output, a high-capacity rated energy storage of 2304Wh, and a peak power output of 20000W. With a lightweight design and IP54-rated protection against dust and moisture, it is built to withstand demanding environments. The product supports remote monitoring via a dedicated app, Bluetooth connectivity, and Remote Firmware Upgrade, while integrating multi-protection systems and air-cooled thermal management. Boasting over 97% efficiency and a 2.5-hour recharge time, it is ideal for construction sites, outdoor activities, agricultural equipment, and industrial applications, delivering reliable power wherever needed.

Product Highlight

Exceptional Power Performance

- Continuous 3600W rated output with a massive 20000W peak power capability

High Energy Efficiency

- Maximum overall efficiency of over 97% and a rapid 2.5-hour recharge time

Rugged Industrial Durability

- IP54-rated protection against dust and moisture with a robust modular metal structure

Smart Remote Interaction

- Bluetooth-enabled app for real-time status monitoring and remote firmware upgrades

User-Centric Portable Design

- Lightweight 24kg build featuring ergonomic handles for easy one-handed carrying



Product Specification

Specification Category	Parameter	PowerGiant 3600
Basic Parameters	Net Weight	24kg
	Dimension(W×H×D)	526 × 485 × 211mm
	Capacity	2304Wh
	Protection Rating	IP54
	Cooling Method	Natural cooling
	Operating Altitude	2000 meters
	Indicator	10 - level battery level indicator
	Standards	IEC 62619, UN 38.3, IEC 62477, IEC61000
Output Specification	Rated Output Voltage	230V, Pure sine wave
	Rated Output Voltage Range	230 ± 5Vac
	Frequency	50 ± 0.5Hz
	Rated Output Power	3,600W
	150% Overload	4000W ~ 5400W, >500s
	200% Overload	5400W ~ 7200W, >50s
	250% Overload	7200W ~ 9000W, >10s
	Other Overload	>9000W, >1s
	Peak Power	20000W
	Output Peak Current	16A (Peak 140A)
Input Specification	No-load Power Consumption	≤30W
	Rated Input Voltage	230Vac
	Rated Input Voltage Range	176 ~ 264Vac
	Max. Input Power	1200W
Operating Temperature	Rated Input Current	6A (max. input current 8A)
	Operating Temperature	Charge at 5 to 40°C, Discharge at -15°C to 55°C
	Storage Temperature	-20°C to 60°C (1 month); -20°C to 45°C (3 months)
	Operating Humidity	10 ~ 90% RH
	Storage Humidity	5 ~ 95% RH

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