

PORTABLE OUTDOOR POWER STATION

HT-PE0001



Product Introduction

With a capacity of 1000Wh and rated output power of 500W, this unit is your reliable power companion for outdoor work, emergency backup, camping, road trips, and self-driving tours. Built with lithium iron phosphate (LiFePO₄) battery cells, it offers safety, durability, and long cycle life. Weighing only 10kg and featuring a carrying handle, it is easy to transport. Supports both AC mains and photovoltaic (PV) input charging, compatible with multiple fast-charging protocols, and equipped with abundant output ports – a one-stop solution to eliminate outdoor power anxiety, keeping power at your side and peace of mind.

Product Features

LiFePO₄ Battery – Safe & Long-Life

LiFePO₄ cells ensure safety, durability, and extended cycle life.

Smart Temperature-Controlled Fan – Cool Operation

Active cooling with load-based fan speed control prevents overheating and extends service life.

Lightweight & Compact Design

Only 10kg with integrated handle, easy to carry and store.

Dual Charging – AC Mains & PV Flexible Switch

AC fast charging in approx. 2 hours; PV input up to 300W, full charge in approx. 3 hours.

Applications



Travel



Picnics, Camping



Outdoor Emergency



Outdoor Work Operations

Specifications

Technical Parameters		Dimensions & Weight	
Battery Type	LiFePO ₄	Dimensions (W×D×H)	330×190×175mm
Rated Energy	1000Wh	Weight	10kg
Rated Power	500W	Operating Environment	
AC Input Voltage Range	90-280VAC±5Vac		
AC Output Voltage Range	230VAC±5Vac		
Rated Battery Voltage	3.2V		
Cooling Method	Fan		
Waveform	Pure Sine Wave	Operating Temperature	-10℃ ~+40℃
		Application Scenarios	Outdoor work, emergency, camping, travel, etc
		Altitude	≤ 3000m
		Relative Humidity	20%-95% RH

Input & Output Ports (Display/DC Board)		
AC Output	2 ↑ 230VAC	2 ↑ 230VAC
USB-A	1 ↑ 5V 1A	6 ↑ 5V 2.4A
TPCY-C	/	3 ↑ 5V 3A
PV Input	1 ↑ 300W	1 ↑ 300W
AC Input	1 ↑ 230VAC	1 ↑ 230VAC
Supported Fast-Charge Protocols	PPS/PD/QC/AFC/FCP/SCP/PE/SFCP	

PV Input Specifications	
Input Voltage Range	DC11~55V
Max Input Current	10A
Max Output Current	80A
Max Output Power	300W

				
Printer 90W 11h	Electric Fan 30W 33h	TV 100W 10h	Smartphone 2942mAh 90 次	Computer 60W 16h
				
Car Fridge 60W 16h	Projector 100W 10h	Hair Dryer 200W 5h	Radio 10W 100h	LED Light 3W 300h

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