

5000W Portable Power Station with 5120Wh Capacity

The 5000W portable power station is designed for users with high power consumption needs, offering reliable backup energy. It is expandable up to 6 sets, providing a maximum of 30720Wh for extended operation.



Overview

High-Capacity Enterprise Power Solution

This 5000W portable power station is engineered for enterprise users and facilities requiring robust backup energy. Featuring a high-capacity 5120Wh LiFePO4 battery, it supports scalable energy needs with the ability to extend up to 6 sets for a total capacity of 30720Wh. Designed for both safety and mobility, the unit includes integrated wheels for easy transport and supports rapid charging to minimize downtime.

Performance

Rated Power

5000 W

Rated Power

10000 W

Peak Power

Battery Specifications

- Capacity: 5120Wh
- Chemistry: LiFePO4
- Cycle Life: >2000 cycles (to 80% capacity)
- Scalability: Support for up to 6 units in parallel

Charging & Input

Recharge Times

Method	Time
Wall Charger	1.5H
Solar Panel	1.6H
DC 5521	1.6H

Input Capabilities

AC Wall Charger (100-240V), Solar Panel (8100W, 120-500V 18A), DC 5521 (10-40V 100A)

Connectivity & Output

AC Output Ports

- 4x 3-pin AC Socket (20A)
- 1x 3-pin AC Socket (30A)

DC Output Ports

- 2x USB Type-C
- 2x USB-A
- 2x DC5512
- 1x Cigarette Lighter Port

Features

Key Features

LiFePO4 Safety • Portable with Wheels • Expandable Capacity • Fast Charging • MPPT Solar Controller

Applications

Primary Applications

- Home Backup Energy (Solar Generator)
- Enterprise Server/Monitor Backup
- Outdoor Power (Appliances & Electronics)
- Industrial/Electric Tools