

1kW Portable Solar Power Generator System with DC and AC Output

This portable solar power generator system delivers both DC and AC power. It integrates a hybrid solar inverter and a battery box for off-grid or backup power.



ADDITIONAL IMAGES



System Overview

All-in-One Solar Power Solution

This portable solar power generator system integrates an inverter, AC charger, MPPT solar charger, and battery storage into a single robust unit. Designed for easy installation, it supports off-grid and backup power applications with pure sine wave output. The system is compatible with both grid and generator inputs, offering flexible unattended operation through smart battery management.

Available Power Range

1 kW

Minimum Power

6 kW

Maximum Power

Technical Specifications

Compatibility

- External Solar Panels
- Grid Power
- Generator Power

Output Waveform

Pure Sine Wave

Charging Technologies

MPPT Solar Charger, AC Charger, Smart Battery Management

Features

Key Features

- Rack design for easy expansion
- Isolated output for safety
- LCD display and buzzer alarms
- Auto charge and switch functionality
- Bypass system for manual output control