

5kW Hybrid Solar Inverter for Battery-less Systems

This 5kW hybrid MPPT solar inverter is designed for efficient solar energy conversion. It supports battery-less operation, making it versatile for various energy setups.



ADDITIONAL IMAGES



Product Overview

High-Efficiency Hybrid Solar Inverter

This 5kW hybrid solar inverter is engineered for versatile energy management, featuring advanced MPPT technology for optimal solar power extraction. It supports battery-less operation, making it an ideal, cost-effective solution for daytime-focused applications like offices and shops. The unit offers pure sine wave output and flexible AC/Solar input prioritization, ensuring reliable performance and seamless integration with various battery chemistries when storage is required.

Technical Specifications

Rated Power

5 kW

Output Power

Technology Type	Pure Sine Wave, High Frequency
Max PV Input Voltage	500 V
Battery System Voltage	24 V

Features & Compatibility

Key Operational Features

- Battery-less operation supported
- Built-in MPPT solar charger
- Configurable AC/Solar input priority
- Selectable charging current
- Auto-restart during AC recovery

Compatible Battery Types	Li-Ion, LiFePo4
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Safety & Protection

Protection Functions

- Overload protection
- Short circuit protection
- High voltage protection
- Low battery voltage protection
- High temperature protection

Certifications

CE • CB

Design & Interface

Interface & Design

- Remote & Removable LCD control module
- Wall-mounted design
- Lightweight construction
- Integrated communication ports