

8kW Off-Grid Solar Inverter

This off-grid solar inverter features independent MPPT control. It efficiently converts DC power from solar panels into AC power for running household appliances, tools, and other electrical equipment.



ADDITIONAL IMAGES



Product Overview

Professional 8kW Off-Grid Power Solution

This 8kW off-grid solar inverter is a robust power conversion solution designed for reliable performance in remote or grid-independent applications. It efficiently converts DC power from solar panels into high-quality AC power suitable for running household appliances, tools, and industrial electrical equipment. Featuring advanced SPWM technology and independent microprocessor control, this unit ensures stable, pure sine wave output even in harsh environmental conditions.

Key Performance Metrics

Rated Power Capacity

8 kW

Rated Power

Operating Modes

- PV Priority Mode
- Utility Power Priority Mode

Advanced Features

Core Technologies

- Independent MPPT control microprocessor
- Independent inverter control microprocessor
- Advanced SPWM technology
- High-speed online stabilization
- Auto-tracking mains phase

Connectivity & Control

Management Features

- Real-time monitoring
- Remote monitoring capability
- Auto Power-On/Off function
- No-load auto shutdown (optional)

Communication Interfaces

RS232, USB, SNMP (Optional)

Protection & Safety

Integrated Protections

Overvoltage Protection • Undervoltage Protection • Overload Protection • Short Circuit Protection