

5-10kW Three-Phase Hybrid Solar Inverter

This three-phase hybrid inverter is designed for residential and commercial solar photovoltaic systems with a power range of 5 to 10 kW. It enables efficient integration with solar panels and battery storage for optimized energy management.



ADDITIONAL IMAGES



Product Overview

Smart Hybrid Energy Management

This three-phase hybrid inverter is designed for residential and commercial solar energy storage systems, offering seamless integration between solar panels, battery storage, and the grid. It features advanced UPS functionality with ultra-fast sub-40ms switching, ensuring uninterrupted power for critical loads. With intelligent peak shaving and load monitoring capabilities, it enables optimized energy usage and reduced utility costs.

Key Features

Operational Metrics

5 kW

Min Power Output

10 kW

Max Power Output

40 ms

UPS Reaction Time

Core Advantages

UPS Function, 24-Hour Solar Utilization, Fanless Design, Remote Maintenance, Peak-Valley Regulation

System Compatibility

Suitable Applications

- Residential solar energy storage
- Small commercial power systems
- Self-consumption optimization
- Backup power solutions
- Grid-connected energy management

Technical Specifications

Grid and Battery Specs

Parameter	Capability
Phases	Three-Phase
Grid Operation	On-Grid & Off-Grid
Monitoring	Remote via APP
Design	Fanless