

3kW 48V Hybrid Solar Inverter with 5G Connectivity

This 3kW hybrid solar inverter is designed for residential and commercial solar energy systems. It features 48V battery compatibility, intelligent EMS function and 5G connectivity for remote monitoring and control.



ADDITIONAL IMAGES



Overview

High-Efficiency Hybrid Energy Storage

This 3kW hybrid inverter is designed for residential solar energy systems requiring robust battery integration at 48V. It offers flexible operation modes for both on-grid and off-grid scenarios, prioritizing energy independence and cost optimization based on real-time market electricity pricing. Equipped with modern 5G connectivity, it ensures seamless remote monitoring and high-speed data transmission for optimal performance management.

Key Performance Metrics

Rated Power Output

3 kW

Power Output

48 V

Battery Voltage

Technical Specifications

Safety Protections

- Over-voltage protection
- Over-current protection
- Short-circuit protection
- Anti-islanding protection

Grid Compatibility

On-grid, Off-grid, Hybrid

Communication

5G Remote Connectivity

Interface & Operation

Interface Controls

- POWER
- OPERATION
- ALARM
- ESC
- UP
- DOWN
- ENTER