

5kW Hybrid Solar Inverter

This 5kW hybrid solar inverter provides an uninterrupted power supply with a swift 20ms reaction time. Its multiple working modes maximize self-consumption, increasing economic benefits.



ADDITIONAL IMAGES



Product Overview

Hybrid Energy Storage Solution

This 5kW hybrid inverter is designed for versatile on-grid and off-grid energy storage applications. It maximizes return on investment by optimizing electricity consumption based on real-time market pricing and ensures energy independence through grid-independent operation. Featuring high-efficiency components and a seamless grid-switching capability of less than 20ms, it provides a reliable power management solution for residential and small commercial systems.

Key Performance Metrics

Rated Output Power

5 kW

Rated Power

20 ms

Switching Time

System Features

Protection Systems

- Over-voltage protection
- Over-current protection
- Short-circuit protection
- Robust thermal management

Operational Capabilities

On-grid, Off-grid, Integrated storage, Real-time pricing optimization

Technical Specifications

Hardware Details

| Feature | Specification |
|---------------|-------------------|
| Enclosure | Weather-resistant |
| Tracking | Dual MPPT |
| Communication | RS485 |