

# 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