

# 5kW Hybrid Solar Inverter with Battery Management

This hybrid solar inverter provides uninterrupted power supply with a 20ms reaction time and fanless design for long lifespan. It offers 5kW backup power, shifting and peak shaving capabilities, and intelligent battery management.



## ADDITIONAL IMAGES



## Product Overview

### Professional Hybrid Energy Solution

This 5kW hybrid solar inverter is designed for both on-grid and off-grid integrated energy storage applications. It optimizes electricity consumption based on real-time market pricing and offers high energy independence. With industry-leading components, it ensures maximum conversion efficiency and provides a seamless power switch in less than 20 milliseconds.

## Technical Specifications

### Rated Power Capacity

**5 kW**

Rated Power

### Switching Speed

20 ms

## Key Features

### Operational Features

- On-grid and off-grid integrated storage
- Real-time electricity consumption mode selection
- High energy independence
- Fast grid-to-off-grid switching
- High conversion efficiency

## Communication and Monitoring

### Interface Capabilities

- Real-time status display
- Operational and alarm indicators
- Monthly energy tracking
- Menu navigation buttons (Up, Down, Enter, ESC)

### Communication Protocols

RS485, CAN