

# 5kW On-Grid Solar Inverter

This 5kW on-grid solar inverter is designed for residential and commercial photovoltaic systems. It converts DC power generated by solar panels into AC power for grid connection.



## ADDITIONAL IMAGES



## Product Overview

### High-Efficiency 5kW On-Grid Solar Inverter

This high-performance 5kW on-grid solar inverter is engineered to maximize energy harvesting in both residential and commercial photovoltaic systems. It seamlessly converts DC power generated by solar panels into grid-compatible AC power using advanced MPPT technology. Designed for reliability and ease of use, the unit features a comprehensive monitoring interface and robust protection functions to ensure stable operation in diverse environmental conditions.

## Technical Performance

Rated Power Output	5 kW
MPPT Configuration	Dual MPPT trackers for optimized energy harvesting

## Connectivity & Interface

### Display & Diagnostics

- Real-time performance data display
- Fault diagnostics
- Run status indicator
- Alarm indicator
- Fault indicator

Communication Interfaces	RS485, Remote Monitoring
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## Safety & Compliance

### Protection Features

Comprehensive Protection • Grid-Tied Compliant

### Application Suitability

- Residential solar systems
- Commercial photovoltaic systems
- Grid-tied solar applications