

50kW DC to AC Three-Phase Solar Inverter with UPS

This 50kW DC to AC solar inverter converts direct current from solar panels into three-phase alternating current. It features an integrated UPS to provide uninterrupted power during grid outages.

sunways



ADDITIONAL IMAGES



Product Overview

High-Performance 50kW Three-Phase Power Solution

This 50kW DC to AC solar inverter is engineered for both residential and commercial applications, providing a robust solution for large-scale energy conversion. Featuring six independent input roads, it offers exceptional flexibility for solar panel configurations while ensuring high-efficiency power delivery. The integrated UPS functionality guarantees an uninterrupted power supply, making it a reliable choice for maintaining critical operations during grid outages.

Key Performance Metrics

Core Performance

50 kW

Rated Power

3

Phase

6

Input Roads

Technical Specifications

Conversion Type	DC to AC
Output Configuration	Triple Phase
UPS Integration	Yes

Physical Characteristics

Device Dimensions

Dimension	Value
Height	850mm
Width	290mm
Depth	50mm

Net Weight

58 kg

Functional Features

System Capabilities

- Six independent input roads for panel flexibility
- Uninterruptible Power Supply (UPS) for backup
- Advanced performance monitoring and control
- Remote management capabilities
- Optimized energy production tracking

Application

Recommended Use

Home Use, Commercial Use, Solar Power Systems, Grid-Tie with Backup