

# 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