

3.6kW Single-Phase Solar Inverter for Home PV Systems

This 3.6kW single-phase solar inverter is designed for household photovoltaic systems. It features WiFi and GPRS connectivity for remote monitoring.

sunways



ADDITIONAL IMAGES



Overview

Efficient Home Energy Conversion

This 3.6kW single-phase solar inverter is specifically engineered for residential photovoltaic systems, providing reliable energy conversion for household use. It features advanced Maximum Power Point Tracking (MPPT) technology to ensure optimal energy harvesting from solar panels under varying conditions. With integrated WiFi and GPRS support, homeowners can benefit from seamless remote monitoring and system control.

Performance Highlights

Key Performance Metrics

3.6 kW

Rated Power Output

1 Single

Phase

Technical Features

Optimization Technology

Maximum Power Point Tracking (MPPT)

Connectivity & Monitoring

Remote Monitoring Options

WiFi, GPRS

System Management

Supports remote monitoring and control for real-time system management.

Hardware Quality

Internal Components

- High-grade FR-4 TG150 PCB
- Infineon power electronics
- KEMET capacitors
- Panasonic components
- Texas Instruments processing
- STMicroelectronics semiconductors

Application

Recommended Application

Residential PV • Household Solar • Home Energy