

4.6kW Single-Phase Solar Inverter with MPPT Controller

This 4.6kW single-phase solar inverter is designed for residential solar power systems. It features an integrated MPPT controller to optimize energy harvesting from solar panels.



ADDITIONAL IMAGES



Product Overview

High-Efficiency Solar Conversion

This 4.6kW single-phase solar inverter provides a reliable and efficient solution for converting DC power from residential solar panels into usable AC power for household applications. Equipped with an integrated Maximum Power Point Tracking (MPPT) controller, it optimizes energy harvesting to ensure maximum system yield. Its compact and durable construction facilitates easy installation, making it an ideal choice for residential renewable energy systems.

Performance Metrics

Rated Power Output

4.6 kW

Rated Power

Technical Features

System Type	Single-Phase
Controller Type	Integrated MPPT Controller

Safety and Protection

Protection Mechanisms

- Over-voltage protection
- Over-current protection
- Anti-islanding protection

Application

Primary Application

Residential, Home Solar Power, Renewable Energy