

4.2kW Single-Phase Solar Inverter with WiFi/GPRS

This 4.2kW single-phase solar inverter is designed for household photovoltaic (PV) systems. It features integrated WiFi/GPRS connectivity for remote monitoring and control.



ADDITIONAL IMAGES



Overview

High-Efficiency Residential Solar Inverter

This 4.2kW single-phase solar inverter is engineered specifically for residential photovoltaic systems, ensuring reliable and efficient conversion of DC power to grid-compatible AC power. The unit features built-in WiFi and GPRS connectivity, allowing homeowners and installers to perform remote monitoring and control of their solar energy production. Built with high-quality components from leading global semiconductor manufacturers on a robust FR-4 TG150 substrate, this inverter is designed for durability and optimal performance in domestic PV installations.

Technical Specifications

Rated Power Output	4.2 kW
System Phase	Single-Phase

Connectivity

Monitoring Connectivity	WiFi, GPRS
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Construction

Integrated Component Brands

- Infineon
- KEMET
- Panasonic
- Texas Instruments
- STMicroelectronics

Circuit Board Specifications	PCB FR-4 TG150 substrate
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