

WAAREE INVERTERS

Waaree 4kW Single Phase Solar On Grid Inverter

Single-phase grid-tied inverter with dual MPPT and WiFi monitoring for residential rooftops.



TECHNOLOGY

Single Phase

BRAND

WAAREE

ORDERED IN

Nos

- 4 kW - Rated Output
- 98.2% - Peak Efficiency
- Dual MPPT - Two String Inputs
- 8 Years - Standard Warranty

Specifications

Rated AC Output Power	4 kW
Maximum Efficiency	98.2%
Inverter Type	On-Grid (Grid-Tied)
Phase	Single Phase
Number of MPPT Trackers	2
Maximum DC Input Voltage	600 V
MPPT Voltage Range	90 V - 550 V
AC Output Voltage	230 V (±20%)
Grid Frequency	50 Hz
Monitoring	WiFi + Mobile App
Protection Degree	IP65
Operating Temperature	-25°C to +60°C
Warranty	5 Years (extendable)
Certification	CEA / MNRE Approved

Note: Indicative values. Please refer to the official Waaree datasheet for complete and updated technical specifications.

About this product

The Waaree 4kW Single Phase Solar On Grid Inverter is built for residential and small commercial rooftop systems. Dual MPPT trackers let you run two strings at different orientations or tilt angles without one dragging down the other - useful on Indian rooftops where a clean single-plane array is rare.

Built-in WiFi monitoring gives both the owner and the installer live generation data through a mobile app, which makes commissioning handover and after-sales service far simpler.

All DISCOM-required protections are built in, including anti-islanding, over/under voltage, over/under frequency and DC injection monitoring.

Values are typical and taken from the manufacturer. For tender or subsidy files, ask us for the official WAAREE datasheet and test reports with your quotation.