

Grid-Tied Solar String Inverter

This smart string inverter is designed for efficient energy conversion in solar power systems. It ensures optimal energy harvesting from solar panels and is suitable for various installation environments.



ADDITIONAL IMAGES



Product Overview

High-Performance Grid-Tied Solar Inverter

This industrial-grade grid-tied solar string inverter is designed for maximum efficiency and long-term reliability in diverse environmental conditions. With a 3-level topology achieving 99% efficiency and multi-MPPT architecture, it ensures optimal energy harvesting for residential and commercial systems. It includes advanced features such as intelligent fault recording, I&V diagnosis, and flexible communication options to simplify system maintenance and monitoring.

Performance Metrics

Efficiency and Power

99 %

Maximum Efficiency

MPPT Configuration

3/4 MPPT design

Reliability & Design

Protection Rating

IP65 • Outdoor Rated

Altitude Operation

No derating below 3000m

Expected Service Life

25 years

Intelligent Features

Intelligent Capabilities

- Intelligent fault wave recording
- I&V intelligent diagnosis
- Intelligent online upgrade function

Communication Support

RS485, Wifi, GPRS

Grid Integration

Grid Compatibility

- Current harmonics < 3%
- Ultra wide grid voltage range
- LVRT function supported