

# 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