

7-8kW Single-Phase String Inverter

This single-phase string inverter is designed for residential and small commercial solar photovoltaic (PV) systems. It converts direct current (DC) electricity generated by solar panels into alternating current (AC) electricity for powering homes and businesses or feeding back into the grid.



ADDITIONAL IMAGES



Product Overview

High-Efficiency Energy Conversion

This 7-8kW single-phase string inverter is engineered for modern residential and small commercial photovoltaic systems. It utilizes an ultra-high switching frequency and an advanced four-layer board design to enhance efficiency and minimize connector risks. The unit is designed for reliable performance across both rooftop and ground-mounted solar installations.

Performance

Rated Power Output

7.5 kW

Nominal Power Range

Technical Specifications

Ingress Protection

IP65

Phase Configuration

Single-Phase

Key Features

Core Features

- Ultra-high switching frequency
- Ultra-thin four-layer board design
- Advanced grid support functions
- Comprehensive remote monitoring
- Multiple safety protection features

Application Compatibility

Residential, Small Commercial, Rooftop, Ground-mount, Indoor, Outdoor