

5kW/6kW Single Phase Grid-Tie Solar Inverter

This single-phase grid-tie solar inverter is available in 5kW and 6kW power ratings. It converts DC power from solar panels into AC power for residential and small commercial use.



Product Overview

High-Efficiency Solar Conversion

The KNGI600 series is a high-performance photovoltaic grid-connected inverter designed to efficiently transform DC power from solar modules into usable AC power for the electrical grid. By utilizing advanced real-time software control, the system dynamically manages output current and optimizes the operating point of the PV array. This ensures maximum efficiency and reliable energy conversion for both residential and small commercial solar installations.

Technical Specifications

Key Performance Metrics

5 kW Rated Power Output	6 kW Max Power Output
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Available Power Ratings	5kW, 6kW
Inverter Type	Single-phase grid-tie

Features & Compatibility

Installation Options

- Indoor installation
- Outdoor installation

Key Features

Grid Protection • Real-time Optimization • High Efficiency