

Photovoltaic Grid-Connected Inverter, 1.0kW-5.0kW

Single-phase output with a power range of 1.0kW-5.0kW. Designed for converting DC power from solar panels into AC power suitable for feeding into the electricity grid.



Product Overview

Professional Photovoltaic Grid-Connected Inverter

This photovoltaic grid-connected inverter, designed for capacities between 1.0kW and 5.0kW, serves as an efficient solution for residential and commercial solar systems. It ensures reliable DC to AC power conversion with advanced grid synchronization and voltage regulation capabilities. Built for durability, the unit features intelligent self-protection mechanisms and robust cooling systems to maintain performance in diverse environments.

Performance Metrics

Continuous Load Capacity

110 %

Continuous Load Operation

Technical Specifications

Ingress Protection

IP20

Operating Temperature

-25°C to +50°C

Cooling System

Forced air cooling

Control Architecture

Full digital control

Installation

Indoor

Safety & Features

Integrated Protections

- Battery protection
- Overload protection
- Intelligent self-protection