

Grid-Connected PV Inverter 5-16kW

This grid-connected PV inverter features a compact design and high power density. It converts direct current from solar panels to alternating current for grid use.



Overview

High-Efficiency Grid-Connected PV Inverter

This three-phase grid-connected PV inverter is engineered for both residential and commercial solar power systems, converting DC electricity from solar panels into grid-compatible AC power. It features an industry-leading conversion efficiency of up to 98.65% and a compact, robust design suitable for both indoor and outdoor installations. With advanced grid support functions, integrated protection, and smart connectivity, it offers a reliable and maintenance-friendly solution for solar energy management.

Performance Metrics

Maximum Efficiency

98.65 %

Efficiency

Power Output Range

5-16 kW

Design & Construction

Ingress Protection

IP65

Safety & Protection

- All-round lightning protection
- Integrated DC switch
- Comprehensive protection functions
- Waterproof and dustproof

Design Highlights

Compact, Contemporary, Fuseless, Fanless

Technical Specifications

System Capabilities

Feature	Description
System Type	Three-phase
Connectivity	Smart connected/Remote monitoring
Component Grade	Industrial-grade
Environment	Indoor and Outdoor