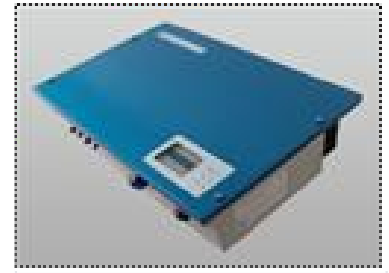


Photovoltaic Inverter for Solar Power Systems

Photovoltaic inverter designed for converting DC power from solar panels into AC power suitable for grid connection or off-grid use. The inverter features a compact design, high efficiency, and advanced control algorithms for optimal energy harvesting.



Product Overview

High-Efficiency Photovoltaic Inverter

This photovoltaic inverter is engineered to convert DC power from solar panels into AC power, suitable for both grid-connected and off-grid solar systems. Featuring a robust, sealed stainless steel enclosure with an IP65 protection rating, it is designed for reliable performance in both indoor and outdoor environments. With advanced features like multiple independent MPPT channels and an isolation transformer design, this unit ensures optimal energy harvesting and safe operation across residential, commercial, and industrial applications.

Performance & Efficiency

Maximum Efficiency	94.5 %
MPPT Channels	Multiple independent channels
Design	Isolation transformer design

Environmental & Physical

Protection Class	IP65
Enclosure Material	Sealed stainless steel
Operating Temperature Range	-25°C to 50°C

Installation & Usability

Installation	Plug-in cable system for quick and easy installation
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Compliance & Certification

Certifications	CE, VDE-0126, AS4777, DK5940, G83, UL1741
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