

AC Pump Inverter, 0.75-15kW

This AC pump inverter is designed for renewable energy applications, specifically solar photovoltaic systems. It controls and drives AC pumps with power ratings from 0.75kW to 15kW, efficiently converting DC power from solar panels into AC power.



Overview

High-Efficiency Solar Water Pumping Solution

This AC pump inverter series is specifically engineered for renewable energy applications, converting DC power from solar photovoltaic panels into stable AC power. Designed to drive pumps ranging from 0.75kW to 15kW, these inverters optimize energy utilization through advanced control algorithms. They provide a reliable and stable operation for solar-powered water systems with integrated protection mechanisms and monitoring capabilities.

Technical Performance

Rated Power Range

0.75 kW

Minimum Power

15 kW

Maximum Power

Input Source	Solar Photovoltaic (DC)
Output Type	Alternating Current (AC)

System Features

Core Features

- Advanced control algorithms
- Integrated protection mechanisms
- Real-time monitoring capabilities
- Adjustable parameters for pump matching

Compatibility

Compatible Pump Types

AC Pumps • Variable Power Ratings • Solar PV Systems

Application

Primary Application	Solar-powered water pumping systems
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