

# 15 kW water pump with solar energy





## Overview

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What is a 15 kW solar water pump inverter?

15 kW solar water pump inverter with MPPT, AC output current 32A at 3-phase, RS485 communication, and IP20 protection rating. The water pump solar inverter supports AC and DC input, recommended DC MPPT range (350V, 750V). With a forced cooling fan, the pump inverter can work at (-10°C, 40°C).

What is water pump solar inverter?

The water pump solar inverter supports AC and DC input, recommended DC MPPT range (350V, 750V). With a forced cooling fan, the pump inverter can work at (-10°C, 40°C). It is widely applied in irrigation of small farms, greenhouses, domestic use, etc.

What are solar energy-powered water pumps?

Solar energy-powered water pumps are water pumps running on the electricity that is generated by solar energy. For generating solar power, solar photovoltaic (PV) systems are used for complementary energy sources, they are deployed alongside diesel pumps in areas with plenty of sunshine and where the cost to run power lines is high.

Why should you choose a 15 kW solar pump inverter?

The superior performance 15 kW solar pump inverter is compact, and the sturdy shell has good anti-fall, flame retardant, anti-aging, and corrosion-resistant features, effectively isolates moisture and dust, has stable operation, and is safe and reliable.



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### [Solar Pump Inverter 15KW Water Pumping System 3 Phase](#)

Solar pump inverters are equipped with overall protection function (self-checking functions for dry running, weak sunshine, full water level, etc.), motor soft start and speed control functions, ...

### [China Customized 15KW Water Pump Inverter Solar Pump ...](#)

Oct 27, 2025 · Professional description of 15KW Water Pump Inverter Solar Pump Core product advantages High-efficiency power conversion Industry-leading 99% MPPT tracking efficiency ...



### [15kw Three Phase AC Solar Power Pump Inverter with MPPT](#)

Nov 29, 2025 · It can convert DC produced by solar panels into AC to drive the water pump. According to changes in sunlight intensity to adjust the output frequency, the pump inverter ...



### [meta.15kw-water-pump-inverter-3-phase-title. Orex](#)

o Best Off-grid Souldution For ooff-grid area, solar pump inverter without battery is the best solution for agricultural irrigation. o Professional Pump Protection Automatic start and stop in the ...



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