

PDEOZE PowerContainer

Solar Direct Drive Water Pump Inverter

LiFePO₄

Wide temp: -20°C to 55°C

Easy to expand

Floor mount&wall mount

Intelligent BMS

Cycle Life:≥6000

Warranty :10 years



Overview

The built-in inverter convert the DC power produced by PV modules to three-phase AC power to drive the pump, it adjusts the speed of the pump in real-time according to the solar radiation to implement the maximum power point tracking (MPPT).

Solar Direct Drive Water Pump Inverter

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3 phase solar pump inverter, also called solar variable frequency drive, converts the direct current of solar panel into alternating current, thereby driving various AC motor water pumps ...

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Oct 21, 2025 · A solar pump inverter, also known as a solar variable frequency drive (VFD), helps in converting the direct current of a solar panel into an alternating current. It drives various AC ...

A solar pump inverter is a specialized type of inverter designed to convert the DC (Direct Current) power generated by solar panels into AC (Alternating Current) power to drive water pumps.

INVT GD100-PV solar pump inverter is specially designed for photovoltaic (PV) water pump systems. It is suitable for agricultural irrigation, water supply in mountainous areas, desert ...

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Solar direct drive pump is a kind of water pump that can be directly driven by solar energy. The pump is directly connected to the PV modules which can absorb solar energy and convert it ...

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