

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 ...

Nov 3, 2025 · Solar pumping system converts solar energy directly into electric energy, and then drives motors to drive water pumps to pump water from deep wells, rivers, lakes and other ...

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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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Oct 24, 2024 · Opt for them and order a cutting-edge inverter to drive solar pumps. Bottom Line In short, selecting the right solar inverter for driving a water pump depends heavily on grid ...

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