

PDEOZE PowerContainer

Low voltage solar water pump inverter



Overview

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 (centrifugal pump, irrigation pump, deep well water pump, swimming pool pump, etc.), the input can be the solar DC power supply (DC 200V-350V, DC 350V-750V), also can be single phase or three phase AC power supply (AC 220V, 380V, 400V, 460V, 480V), built-in MPPT control system to maximize the output power of the PV array, is very suitable for use in remote and dry areas.

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3 phase solar pumping system converts solar energy directly into electric energy, and then drives motors to drive water pumps to pump water from ...

INVT GD100-PV series solar pump VFD improve the usability and performance and extend applicable voltage levels and power range, our solar water pumps for agriculture.

Nov 9, 2023 · User Input The following information is required to select a solar pump inverter: Water pump power (in watts) Water pump voltage (in volts) Inverter Selection The inverter ...

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Sep 28, 2025 · About solar water pumping system It consists of a submersible pump, pump inverter, cable, solar panels and etc. Solar panels convert solar energy into electrical energy, connecting to a dedicated low ...

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A high-performance 0.75kW solar water pump inverter is on sale, with an AC 2.1A output current at 3-phase 380V and a DC voltage range of (280V, 750V). The pump inverter with an output ...

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