



# Dehong Photovoltaic Pumping Inverter

Who is Veikong solar water pump inverter?

Veikong is Solar Pump Inverter, Solar Pump Drive, Solar Frequency Inverter manufacturer and global supplier in China. Our solar water pump inverter available in Single 220V and Three Phase 220V/380V with high MPPT efficiency and hybrid mode.

What is a solar pump inverter?

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 motor water pumps like a centrifugal pump, irrigation pump, swimming pool pump, and deep well water pump.

What is direct driven solar PV water pumping system?

Direct driven solar PV water pumping system is shown in Fig. 4. In this system, electricity generated by PV modules is directly supplied to the pump. The pump uses this electric power to pump the water. As no backup power is available, the system pumps water during the daytime only when the solar energy is available.

Are solar pump inverters eco-friendly?

As compared to diesel generator pumps, our solar pump inverter or VFDs are an eco-friendly and sustainable option, with a long lifetime and low maintenance costs. It is not dependent on the grid, which means it produces no noise or pollution.

Is solar photovoltaic water pumping system feasible?

Solar photovoltaic water pumping system (SPVWPS) has been a promising area of research for more than 50 years. In the early 70s, efforts and studies were undertaken to explore the possibility of SPVWPS as a feasible, viable, and economical means of water pumping.

Can a low cost solar photovoltaic pump reduce cost?

Study, design, and testing of the performance of low cost solar photovoltaic pumps. About 60% reduction in cost is possible, if the pump is manufactured at the local level. In his pioneer work, Dietmar Stuck, Austria has developed and manufactured a very new solar pump (NSP).

Solartech PB-G3 Smart Pro solar pumping inverter integrates advanced functions such as Hybrid AC Power, Solar Priority, Remote Monitoring, Multi-pump Linkage, Low-input Voltage and so on. It can be directly installed outdoors without ...

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