



**SolarTech Power Solutions**

# **Lithium battery water pump inverter**



## Overview

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What is a solar inverter pump system?

Solar inverter pump systems are a sustainable and cost-effective solution for pumping water using solar energy. With their efficient design and reliable performance, these systems have revolutionized the way we access water in remote areas or regions with limited electricity supply.

What is a water pump inverter?

It is a completely new inverter for water pumps, and the first residential water pump inverter solution in the Middle East and Africa. With the inverter technology, it Regulates pump speed for longer lifetime, highest and reduced maintenance costs. Over Voltage, Over Current and Over Temperature protection.

How does a solar inverter work?

Solar Inverter: Once the solar panels generate DC electricity, it needs to be converted into AC (alternating current) so that it can be used by the pump. This is where the solar inverter comes into play – its main function is to convert DC energy from the panels into usable AC energy. 3.

What is a solar string inverter?

Solar string inverters are electrical devices that convert the direct current (DC) generated by solar panels into alternating current (AC) that businesses can use. They are usually installed in a string formation where multiple solar panels are connected in series to form a single circuit.

What is a hybrid storage inverter?

The Sunplus Hybrid Storage Inverters are designed to increase energy independence for homeowners and commercial users. The Hybrid Inverter power range is from 3kW to 60kW, compatible with low voltage (40-60V) batteries and high voltage (150-800V) batteries.

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### Contact Us

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