

# 4 kW solar water pump for agricultural use



✓ 100KWH/215KWH

✓ LIQUID/AIR COOLING

✓ IP54/IP55

✓ BATTERY 6000 CYCLES



## Overview

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The 4kW solar pumping inverter, compatible with DC voltages from 120V to 400V, features forced air cooling performance and an IP20 protection rating. Farmers increasingly turn to solar-powered water pumps to irrigate fields, fill tanks, and provide reliable water in remote areas. Solar panels convert solar energy into electrical energy, connecting to a dedicated low-voltage solar pump. Easy to set up, perfect for drip irrigation and small fields. Various types of solar panels, such as monocrystalline, polycrystalline, and thin-film. By leveraging direct sunlight to power motors and deliver continuous water flow, solar water pumps provide independence from the grid and eliminate fuel costs, aligning with modern sustainable-infrastructure demands.

## 4 kW solar water pump for agricultural use

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### Solar-Powered Water Pumps for Agriculture: Reduce Costs

Solar-powered water pumps offer a transformative solution for sustainable agriculture. By harnessing the sun's energy, these pumps provide a reliable and cost-effective means of irrigation, ...

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### 4 kW Three Phase Solar Pump Inverter, AC 220V , inverter

A removable DC fan of the pump inverter ensures quiet, stable operation and ease of maintenance. 3-phase solar pump controller suitable for agricultural irrigation, domestic water supply, and ...



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### Solar Agriculture Pumps , Eco-Friendly Irrigation Solutions

Discover eco-friendly solar agriculture pumps designed for cost-effective irrigation. Explore surface and submersible solar pumps with AC backup for reliable, sustainable farming.

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### Solar Water Pumps for Agriculture , Agricultural water ...

Our solar water pumps offer an efficient and sustainable solution for all farming and irrigation needs, whether for crops or vegetables, and regardless of land size.

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### **4kw solar irrigation system 5.5hp agriculture solar pump**

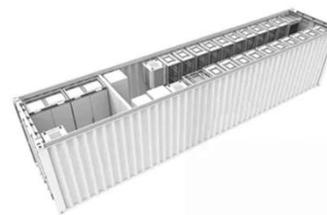
It consists of a submersible pump, pump inverter, cable, solar panels and etc. Solar panels convert solar energy into electrical energy, connecting to a dedicated low-voltage solar pump.

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### **Solar Pump Solutions for Deep Wells, Surface Water, and Agricultural**

Today's advanced solar pumping systems integrate high-efficiency motors, MPPT-based controllers, and durable pump structures capable of handling deep-well extraction, horizontal water ...

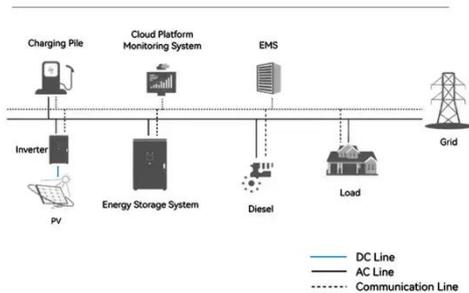
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### **4HP Solar Water Pump Kit , Solar Pump for Ponds - ROCKSOLAR**

Rocksolar 4.0HP Solar Submersible Pump Kit, featuring a robust 4 HP brushless

### System Topology



motor and a powerful 4400W solar panel set. Ideal for agricultural and industrial applications, this eco-friendly solar pump ...

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### Best Solar Water Pumps for Farm Use: Efficient, Off-Grid Irrigation

Farmers increasingly turn to solar-powered water pumps to irrigate fields, fill tanks, and provide reliable water in remote areas. This guide highlights five top ECO-WORTHY and related ...

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### Best Solar Powered Water Pump Systems That Work Anywhere ...

Perfect for farms, homes, and remote areas, these pumps are powered by photovoltaic panels and come in both surface and submersible options. They're cost-effective, easy to install, and ...

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### How to Choose the Best Solar Water Pump for Agriculture: A ...

Discover how to select the right solar water pump for agriculture by evaluating power, flow rate, type, and cost. Make an informed decision with this expert

guide.

[Learn More](#)



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