

Solar Powered Water Pump

This solar water pump is an energy-efficient pumping solution suitable for various water supply applications. Its durable stainless steel construction ensures longevity and resistance to corrosion.



ADDITIONAL IMAGES



Product Overview

Sustainable Solar Water Pumping

This advanced solar-powered water pump is designed for reliable performance in areas without access to a state power grid. Utilizing high-efficiency brushless DC motor technology and MPPT (Max Power Point Tracking), it offers significant energy savings for irrigation, fountains, and general water transfer. Built with premium materials like 304 stainless steel and featuring integrated over-load protection, it provides a durable and maintenance-free solution.

Technical Specifications

Performance Metrics

3000 W
Max Power

300 m
Max Head

61 m³/h
Max Flow Rate

Technical Data

Parameter	Range
Power Range	80-3000 W
Voltage Range	12-300 V
Head Height	11-300 m
Flow Rate	0.5-61 m ³ /h
Borehole Sizes	3", 4", 5"

Construction & Quality

Core Materials

- 100% Copper wire
- #304 Stainless steel shaft
- #316 Stainless steel screw
- NSK imported bearings

Compliance

CE, ISO 9001, RoHS, CSA

Advanced Features

Smart Features

- MPPT (Max Power Point Tracking) technology
- 3-Phase brushless permanent magnetism DC motor
- Automatic circuit detection with LED display
- Integrated over-load protection
- Battery-ready for 12/24/36/48V systems

Support & Warranty

Warranty

3 Years