

# Solar Water Pump

This submersible pump is designed to be powered by both AC and DC sources without modification. It is ideal for solar deep well systems and features a motor developed with advanced rare earth permanent magnets technology.



## ADDITIONAL IMAGES



## Overview

### High-Performance Hybrid Solar Pump

This 5-inch AC/DC hybrid solar water pump is engineered for reliable water extraction in off-grid and remote locations. Featuring a robust brushless motor and built-in frequency converter, it offers efficient, automated operation with soft-start capabilities. Designed for versatility, the system supports a wide voltage range and integrates seamlessly with both solar and AC power sources for consistent performance.

## Performance Metrics

### Key Performance Indicators

**25 m**

Max Head

**860 L/min**

Max Flow

**3 kW**

Max Power

**150 m**

Max Submergence

## Technical Specifications

### Power & Electrical

Parameter	Specification
Input Power	2.5HP (3kW max)
DC Voltage Range	60-380 Vmp
AC Voltage Range	90-240 V
Max VOC	440V

### Mechanical Details

- Motor Type: Water filled / BLDC
- Pump Diameter: 5 inch
- Discharge Size: 2.5 inch
- Thrust bearing system included

## Features & Protection

### Optional Monitoring

GPRS Remote Monitor • Generator Auto Turn On/Off

### Protection & Control

Dry-running protection, Over-current protection, Input Over-voltage Protection, Overload protective, Soft starting, Automatic running

## Warranty

### Warranty

2 years