

# Stainless Steel Solar Water Pump

This submersible pump is designed to be powered by both AC and DC sources without modification or additional equipment. Its motor speed ranges from 500-3600rpm depending on power input and load.



## ADDITIONAL IMAGES



## Overview

### High-Efficiency Hybrid Solar Pumping Solution

This stainless steel solar water pump is designed for reliable water extraction in off-grid or remote locations. Featuring an AC/DC hybrid power capability, it offers flexible operation using both solar energy and standard electrical grids. With built-in intelligent controls, including dry-running and over-current protection, this system ensures long-term durability and low operating costs for irrigation and water supply applications.

## Performance Metrics

### Performance Specifications

**75 m**

Max Head

**90 L/min**

Max Flow

**0.5 HP**

Power

**1.2 kW**

Max Input Power

## Technical Specifications

### Electrical Requirements

Parameter	Value
DC Voltage Range	60-380 Vmp
AC Voltage Range	90-240 V
Max VOC	440 V
Solar Panel Setup	300W x 3

### Physical Dimensions

- Diameter: 4 inch
- Discharge: 1.25 inch
- Max Submergence Depth: 150m

## Features & Protection

### Safety Protections

Dry-running protection • Over-current protection • Input Over-voltage Protection • Overload protective

### Core Features

Brushless Motor, Water Cooling, Frequency Converter, Soft Starting, Thrust Bearing System

### Warranty

2 years