

# Energy-Efficient Submersible Water Pump

This energy-saving submersible pump is designed for efficient water transfer. It features a robust construction and a durable handle for portability, suitable for drainage, irrigation, and general water pumping.



## ADDITIONAL IMAGES



## Overview

### Sustainable Water Management

Designed for areas without access to the state grid, this solar-powered submersible pump offers an energy-efficient solution for irrigation, pond management, and water transfer. The system utilizes a 3-phase brushless permanent magnetism DC motor, which provides 25% higher efficiency compared to traditional AC motors. Built for reliability, it features high-quality components like imported bearings and silicon carbide mechanical seals to ensure long-term performance.

## Performance Metrics

### Power Output

**250 W**  
Min Power

**370 W**  
Max Power

### Head Height

**6.5 m**  
Min Head

**7.5 m**  
Max Head

### Flow Rate

**8 m<sup>3</sup>/h**  
Min Flow

**12 m<sup>3</sup>/h**  
Max Flow

### Voltage Range

12-24V

## Technical Specifications

### Material Composition

- 100% copper wire
- Imported Japanese bearings
- Silicon carbide mechanical seal

### Motor Technology

3-phase brushless permanent magnetism DC motor

## Certifications & Warranty

### Warranty

1 Year Warranty

### Certifications

CE, CSA, ISO 9001, RoHS