

# Solar-Powered Swimming Pool Water Pump

This solar-powered pump efficiently circulates water in swimming pools. Its durable construction ensures long-term use and reliable performance.



## ADDITIONAL IMAGES



## Overview

### Sustainable Water Pumping Solution

This solar-powered water pump is an energy-efficient and eco-friendly solution ideal for off-grid locations, irrigation, and water management. Designed with advanced 3-phase brushless DC motor technology, it provides superior performance with higher efficiency than traditional AC motors. Its robust, maintenance-free construction features high-quality materials to ensure reliable operation in demanding conditions.

## Performance Metrics

### Operational Capabilities

**3000 W**

Maximum Power

**300 m**

Maximum Head

**61 m<sup>3</sup>/h**

Max Flow Rate

## Technical Specifications

### Available Borehole Sizes

- 3 inches
- 4 inches
- 5 inches

### Power Range

80W to 3000W

### Voltage Range

12V to 300V

## Construction & Materials

### Key Materials

Component	Material
Motor Wire	100% Copper
Shaft	#304 Stainless Steel
Screw	#316 Stainless Steel
Bearings	Imported NSK

## Features & Compliance

### Motor Technology

- 3-phase brushless permanent magnetism
- 25% higher efficiency than AC motors
- Smooth, low-current startup

### Controller Functions

- MPPT (Max Power Point Tracking)
- DSP Technique
- Automatic circuit detection
- LED Display
- Overload protection

### Compliance

CE, ISO 9001, ROHS

## Support & Warranty

### Warranty & Support

3 years warranty including technical support and agent training.