

Solar-Powered Swimming Pool Pump

This solar-powered pump is designed for efficient swimming pool maintenance. Its robust construction ensures durability and reduces energy consumption.



ADDITIONAL IMAGES



Overview

Solar-Powered Water Pumping Solution

This advanced solar-powered pump is engineered for areas without grid access, providing an eco-friendly and energy-saving solution for irrigation, fountains, ponds, and water transfer. Featuring a 3-phase brushless permanent magnetism DC motor with MPPT technology, the system delivers high efficiency and quiet operation. The design prioritizes durability with high-quality components and includes built-in protection features for long-term reliable performance.

Performance

Operating Range

3000 W
Max Power

300 m
Max Head

61 m³/h
Max Flow Rate

Voltage Range

12 - 300V

Technical Specifications

Compatible Borehole Sizes

- 3 inch
- 4 inch
- 5 inch

Motor Type

3-phase brushless permanent magnetism DC motor

Materials

Material Components

Component	Material Specification
Wiring	100% Copper
Shaft	#304 Stainless Steel
Screw	#316 Stainless Steel
Bearing	NSK (Japan)

Certifications

International Standards

CE, CSA, ISO 9001, RoHS

Features

Key Features

MPPT Controller • Overload Protection • DSP Technology • Battery Compatible (12/24/36/48V) • Maintenance-free