

# Brushless DC Centrifugal Water Pump

This brushless DC aquarium pump offers extended operational life and high efficiency. It is designed for environmental protection, with low noise and stable speed ensuring continuous and reliable performance.



## Overview

### High-Efficiency DC Centrifugal Pump

This brushless DC centrifugal water pump offers reliable circulation for both fresh and salt water applications. Designed for submersible use, it features a durable ABS construction and a quiet operation profile. It is compatible with multiple power sources including solar panels, batteries, and DC adapters, making it highly versatile for various system integrations.

## Performance Metrics

### Key Performance Indicators

**1000 L/H**

Max Flow Rate

**0.8 m**

Max Static Head

**4.8 W**

Power Consumption

## Technical Specifications

### Electrical Characteristics

Parameter	Value
Rated Voltage	12V DC
Max Rated Current	0.62 A
Power Sources	Solar, Battery, DC Source, Adapter

## Physical Properties

Dimensions and Material	114mm x 73mm x 100mm
Unit Weight	0.85 kg

## Operating Conditions

### Fluid Compatibility

- Fresh Water
- Salt Water

Ratings and Compliance	IP68, Submersible, Dry Run Protection
Expected Lifespan	> 30,000 hours