

Submersible Aquarium Water Pump 420L/H

This submersible pump is designed for aquariums and small water features. It has a maximum head of 1.5 meters and a flow rate of 420 liters per hour, making it suitable for providing circulation, filtration, and aeration.



Overview

Compact Submersible Water Pump

This versatile submersible water pump is engineered for both fresh and saltwater applications, making it ideal for aquariums and various water circulation systems. Featuring a durable ABS construction and a brushless permanent magnetic motor, it ensures long-term reliability with a lifespan exceeding 30,000 hours. The unit is designed for energy efficiency and flexible power sourcing, supporting DC electric, solar, battery, or adapter inputs.

Performance Metrics

Key Performance Metrics

10 L/min

Max Flow Rate

2.5 M

Max Static Head

1 A

Max Rated Current

35 dB

Noise Level

Technical Specifications

Electrical Characteristics

Parameter	Value
Rated Voltage	12VDC / 24VDC
Power Consumption	5.3W - 12W
Driving Method	Brushless Permanent Magnetic
Protection	Dry Run and Blocking (Optional)

Build & Physical Specs

- Dimensions: 76mm x 54mm x 67mm
- Weight: 0.37kg
- Outlet Diameter: 13mm
- Housing Material: ABS
- Waterproof Class: IP68

Operational Details

Usage Environment	Submersible, Fresh Water, Salt Water
Compatible Power Sources	Solar Panel, DC Electric Source, Adapter, Battery
Maximum Operating Temperature	60 Celsius