

# Permanent Magnet Frequency Conversion Self-Priming Pump

This self-priming pump utilizes a permanent magnet frequency conversion system for efficient operation and minimal noise. Designed for small power applications, it ensures reliable water pumping with self-priming capabilities.



## Overview

### Intelligent Self-Priming Pump

This permanent magnet frequency conversion self-priming pump is engineered for efficiency and silent operation in small power applications. Constructed with food-grade stainless steel, it eliminates concerns regarding rust and durability. The unit utilizes a high-precision pressure transmitter, ensuring reliable performance by avoiding the common failure points associated with traditional water flow switches.

## Performance Metrics

### Key Performance Indicators

**25 L/min**

Max Flow Rate

**4.1 m**

Max Head

**0.2 MPa**

Working Pressure

## Technical Specifications

### Electrical Data

Parameter	Value
Rated Voltage	220V~50Hz
Input Power	30W-300W
Insulation Class	B

### Physical Specifications

- Net Weight: 5.7kg
- Gross Weight: 6.7kg
- Material: Food-grade stainless steel

## Compliance & Safety

### Safety and Standards

IP55 Protection, GB/T 25107-2010 Standard

## Features

### Key Features

Permanent Magnet Frequency Conversion • Self-Priming Capability • Food Grade Stainless Steel • High-Precision Pressure Transmitter • Silent Operation