

# Self-Priming Centrifugal Water Pump with Frequency Conversion

This pump features a permanent magnet brushless motor and a high-precision pressure sensor. Advanced electronic control technology enables intelligent frequency conversion and constant voltage speed regulation for energy efficiency.



## Product Overview

### Intelligent Constant Pressure System

This self-priming centrifugal pump utilizes advanced permanent magnet frequency conversion technology to deliver reliable, constant-pressure water supply. Designed for high efficiency, it integrates a brushless motor and high-precision pressure sensors to automatically adjust speed based on real-time demand. The system is engineered for ease of use, allowing for simple setup without the need for professional debugging, making it ideal for residential, commercial, and industrial applications.

## Technical Specifications

### Key Components

- Permanent brushless motor
- Imported control chip
- High-precision pressure sensor

Motor Type	Permanent Magnet Brushless Motor
Control Technology	Frequency Conversion, Constant Voltage Regulation, Intelligent Control

## Performance Features

### Key Benefits

**1 High**

Energy Efficiency

**1 Yes**

Self-Priming Capability

**1 Simple**

Ease of Installation

### Suitable Environments

Residential • Commercial • Industrial