

Variable Frequency Permanent Magnet Water Pressure Booster Pump

This pump maintains consistent water pressure by automatically adjusting motor speed according to water demand. The variable frequency drive and permanent magnet motor contribute to energy efficiency.



Product Overview

High-Efficiency Constant Pressure System

This variable frequency permanent magnet water pressure booster pump offers superior energy efficiency and reduced power consumption for stable water supply. It utilizes advanced technologies like non-inductive FOC vector drive and permanent magnet synchronous motors to provide quiet, reliable operation. Designed for durability and ease of use, the system features a 304 stainless steel construction and an intuitive LCD interface.

Key Features

Core Technologies

- Permanent magnet synchronous motor
- Non-inductive FOC vector drive technology
- Diaphragm pressure tank integration
- Built-in check valve for water hammer elimination

Technical Specifications

Materials	304 Stainless Steel, Full-Stainless Steel Multistage
Scalability	6 pumps
Interface	485 Communication Mode

Safety and Control

Protective Functions

Dry-run protection • Overload protection • Constant pressure control • Leakage prevention