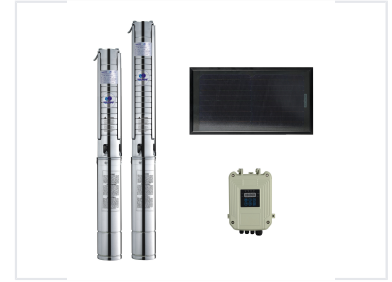


Submersible Deep Well Pump System

This submersible deep well pump system features a rewindable motor and meets NEMA dimension standards. With insulation class B and IP68 protection, it is designed for reliable operation.



Product Overview

High-Efficiency Submersible Deep Well Pump

This advanced submersible pump system features a durable stainless steel construction, including the casing, shaft, and impeller, designed to resist corrosion and ensure longevity. Utilizing a high-efficiency motor and controller combination, it achieves over 85% efficiency, significantly outperforming traditional AC models. The system is equipped with comprehensive electrical protection and an innovative floating impeller design to minimize axial pressure, making it an ideal, maintenance-free solution for deep well pumping, irrigation, and aquaculture oxygenation.

Technical Specifications

Power Rating

0.5 HP

Horsepower

0.37 kW

Power

| | |
|-------------------|-----------------------|
| Maximum Head | 95 m |
| Maximum Flow Rate | 4.5 m ³ /h |
| Rated Speed | 2850 r/min |

Performance Data

Flow vs. Head Performance

| Flow Rate (L/min) | Head (m) |
|-------------------|----------|
| 15 | 34 |
| 25 | 30 |
| 33 | 23 |

Construction & Materials

| | |
|-----------|---|
| Materials | Stainless Steel Casing, Stainless Steel Impeller, Copper Alloy Base, Oil-filled Motor |
|-----------|---|

Operating Conditions

Water Quality Requirements

- Non-corrosive water
- Sand content < 3‰
- Particle size < 1mm
- PH value 5-10

Max Medium Temperature

40 °C

Safety & Control

Protection Features

Under-voltage • Over-voltage • Over-flow • Overload • Waterless Protection