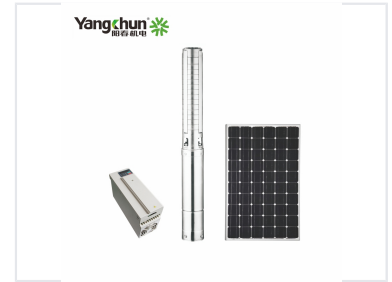
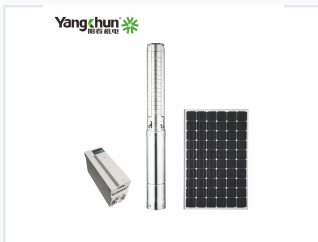


4" High Rotation Speed Solar Water Pump

This 4" solar water pump is designed for high-performance water pumping applications. Its high rotation speed motor delivers a flow rate of up to 30T/h.



ADDITIONAL IMAGES



Overview

Intelligent High-Speed Solar Pumping Solution

This 4-inch high-rotation speed solar water pump is designed for high-performance water extraction in remote or off-grid locations. Featuring a permanent magnet synchronous motor and all-stainless steel multistage impellers, it achieves speeds up to 5200 RPM while maintaining first-level energy efficiency. It is an ideal solution for deep well applications where drilling costs are high, offering intelligent operation and stable performance under varying solar intensities.

Performance Metrics

Key Performance Metrics

5200 RPM

Maximum Rotation Speed

50 m³/h

Maximum Flow Rate

30 kW

Maximum Power

520 VDC

Operating Voltage

Technical Features

Energy Efficiency

Exceeds GB32030-2015 First-Level • 4-8% Higher than Conventional

Motor Technology

Permanent magnet synchronous motor

Impeller Construction

All stainless steel multistage impeller

Control & Operation

Controller Solutions

- Built-in control system
- External controller solutions
- Supports 3-phase AC input
- Supports DC direct input

Intelligent Functions

Constant Pressure, Constant Current, Fault Self-Processing, Intelligent Drive Adjustment, Temperature Control

Model Specifications



Model Performance Range

Model Series	Power (kW)	Max Head (m)	Max Flow (m ³ /h)
G100QJ30-25/1-3600W	3.6	35	50
G100QJ30-83/3-11000W	11	98	50
G130QJ30-115/7-16000W	15	158	50
G130QJ30-220/13-30000W	30	284	50

Environmental & Durability

Sustainability & Durability

- Zero industrial oil - no water source pollution
- Lifespan increased by at least 60% vs traditional pumps
- High power density with reduced impeller stages
- Lightweight and compact construction