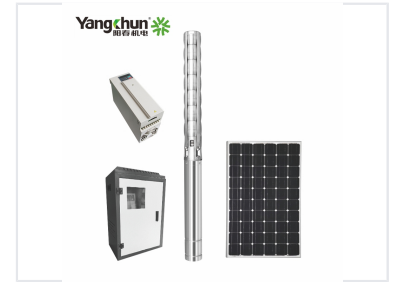
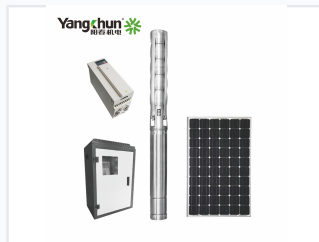
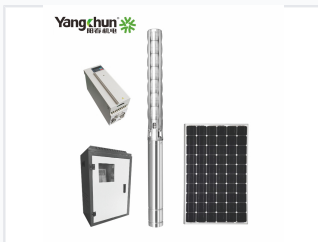


80T/h High Rotation Speed Solar Water Pump

This solar water pump delivers up to 80 tons of water per hour. Its intelligent control system optimizes performance based on available solar power.



ADDITIONAL IMAGES



Product Overview

High-Efficiency Solar Water Pumping Solution

This 5" intelligent high-rotation speed solar pump is designed for high-demand B2B applications such as agricultural irrigation and livestock watering. Featuring a permanent magnet synchronous motor and all-stainless steel multistage impellers, it achieves speeds up to 5200 RPM for superior water delivery. The system is engineered for durability and environmental safety, containing no industrial oils while offering 4-8% higher efficiency than conventional well pumps.

Performance Metrics

Key Performance Indicators

80 m³/h

Max Flow Rate

5200 RPM

Max Rotation Speed

520 VDC

Rated Voltage

Technical Specifications



Detailed performance curves and model specifications for the high-speed solar pump series.

Model Comparison Table

Model	Power (kW)	Max Flow (m ³ /h)	Max Head (m)
G130QJ80-46/3-16000W	15	81	46
G130QJ80-63/4-20000W	19	81	63
G130QJ80-76/4-24000W	22	108	76
G130QJ80-95/5-30000W	30	138	95

Core Features

Advanced Features

- Permanent magnet synchronous motor
- All stainless steel multistage impeller
- Built-in and external controller solutions
- Constant pressure and constant current water supply
- Intelligent operation with fault self-processing
- AC/DC direct input compatibility
- Wide voltage application range

Protection & Reliability

Protection Systems

Temperature Control, Low-Voltage Stability, Intelligent Drive Adjustment, Zero Oil Pollution, Environmental Protection

Physical Attributes

Design Characteristics

Small Size • Light Weight • Delicate Appearance • High Power Density

Pump Diameter

5 inch

Solar Configuration

Recommended PV Array (330W/36V Panels)

System Power	Total Panels	Configuration
16000W	60 PCS	4P15S
20000W	75 PCS	5P15S
24000W	90 PCS	6P15S
30000W	112 PCS	7P16S