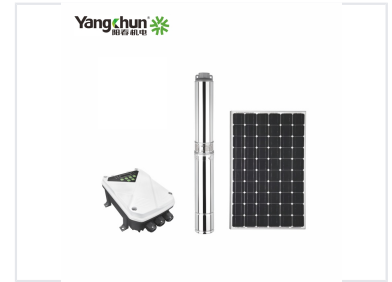


DC Solar Water Pump, 2.5T/h, 3 inch

This 3 inch DC solar water pump provides a flow rate of 2.5 tons per hour. It is designed for water pumping applications using solar energy, making it suitable for irrigation and water supply where grid electricity is limited.



Overview



High-capacity DC solar pump designed for efficient water transfer using photovoltaic energy.

High-Efficiency Solar Water Solution

This 3-inch DC solar water pump is designed for reliable water transfer using renewable photovoltaic energy. Capable of delivering up to 2.5 tons of water per hour, it provides an ideal solution for irrigation, livestock watering, and domestic supply in off-grid locations. The system integrates a submersible pump and an intelligent controller to optimize performance based on available solar irradiance.

Performance Metrics

Key Performance Indicators

2.5 T/h

Flow Rate

3 inch

Pump Diameter

Technical Details

Power Source	DC Solar Photovoltaic (PV)
Pump Type	Submersible

Applications

Primary Applications

- Agricultural Irrigation
- Livestock Watering
- Domestic Water Supply
- Off-grid Water Management

Features

Key Benefits

- Optimized performance under varying weather conditions
- Durable construction for demanding environments
- Renewable energy resource utilization
- Reliable operation in remote areas

System Components

Submersible Pump, Controller Unit, Solar Panel Compatible