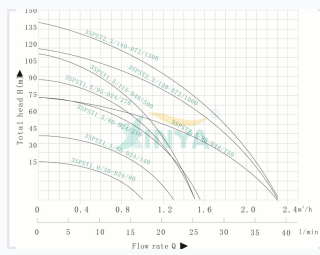


3-Inch DC Solar Submersible Screw Pump

This 3-inch submersible pump is designed for use with DC solar energy systems. It features a 24V, 140W motor and is suitable for various water pumping applications.



ADDITIONAL IMAGES

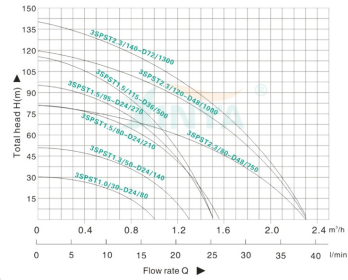


Product Overview

Solar-Powered Water Solution

This 3-inch submersible screw pump is specifically engineered for efficient water extraction in off-grid locations using solar energy. Designed for durability with a stainless steel construction, it offers high efficiency with a permanent magnet brushless motor. The system includes a comprehensive protection controller that guards against common electrical issues such as over-voltage, under-voltage, and dry running, ensuring safe and reliable operation.

Technical Specifications



Efficiency and performance characteristics across different head heights.

Max Flow Rate

1.3 m³/h

Max Flow

Maximum Head	50 m
Power Rating	140 W
Voltage	24 V
Pump Diameter	3-inch
Outlet Size	0.75-inch
Weight	7 kg
MPPT Controller Included	Yes

Construction & Materials

Key Materials

Stainless Steel Casing, Stainless Steel Shaft, Rubber Stator, Copper Alloy Base

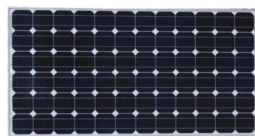
Operating Conditions

Water Compatibility

- Non-corrosive water only
- Max sand content: 1%
- Max particle size: 0.2mm
- pH range: 6.5-8.5
- Max water temperature: 40°C

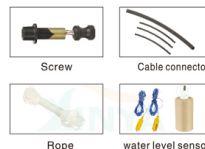
Included Items

3SPS(T) SOLAR PUMP



Solar panel

FREE ACCESSORIES



Screw

Cable connector

Rope

water level sensor

Package includes essential installation accessories like cables, rope, and water level sensors.

Standard Accessories

Screw, Cable Connector, Rope, Water Level Sensor