

DC 4" 4kW Solar Water Pump with Stainless Steel Impeller

This DC 4-inch solar pump has a 4kW power rating and a maximum flow rate of 25m³/h. It features a stainless steel impeller and is designed for solar photovoltaic applications.



ADDITIONAL IMAGES



Product Overview



High-performance DC solar pump with dedicated controller

High-Efficiency Solar Water Pump

This 4-inch submersible solar pump is engineered for high-lift water delivery with a 4kW power capacity. Designed for durability, it features a corrosion-resistant stainless steel impeller and casing, ensuring long-term reliability in various water supply applications. The system includes an intelligent MPPT controller that provides comprehensive electrical protection and automatic recovery, maximizing efficiency and enabling seamless, maintenance-free operation powered directly by solar energy.

Technical Specifications

Performance & Build

Feature	Value
Model	4SPSC25/91-D380/4000
Pump Diameter	4 inch
Max Flow Rate	25 m3/h
Max Head	91 m
Rated Power	4000 W
Voltage	380 V
Impeller Material	Stainless Steel
Outlet Size	2 inch

Key Features

Core Features

- High-efficiency motor and controller for up to 85% energy conversion
- Advanced MPPT solar controller included
- Corrosion-resistant stainless steel body and impeller
- Automatic water height control
- Maintenance-free and noiseless operation

Integrated Safety Protections

Under-voltage protection, Over-voltage protection, Overflow protection, Overload protection, Waterless run protection

Included Accessories



Package includes essential connectors, ropes, and sensors for easy setup



Comprehensive accessory kit for submersible pump installation

Standard Set

- Cable connector
- Water level sensor
- Nylon suspension rope
- Heat shrink tubing
- Float switch