

# 3" 72V DC Solar Submersible Pump with PPO Impeller

This 3-inch submersible pump is designed for solar applications. It features a PPO impeller and operates on a 72V DC power supply.



## ADDITIONAL IMAGES



## Product Overview



Complete solar pump assembly including the controller box for efficient power management.

### High-Efficiency Solar Submersible Pump

This 3-inch DC submersible pump is engineered for reliable, solar-powered water extraction. Featuring a durable PPO impeller and a robust stainless steel casing, it provides an efficient, pollution-free solution for irrigation, deep well pumping, and fountain applications. The system includes an advanced controller with built-in protection against over-voltage, overload, and waterless operation, ensuring long-term performance with minimal maintenance.

## Performance Metrics

### Key Performance Indicators

**4.5 M3/H**

Max Flow Rate

**95 M**

Max Head

**1000 W**

Power

**72 V**

Voltage

## Technical Specifications



Kit includes electrical cables, float switch, safety rope, and connection components.

### Detailed Technical Data

Feature	Value
Model	3SPC4.5/95-D72/1000
Pump Diameter	3 inch
Outlet Size	1.25 inch
Impeller Material	PPO
Weight	14.5 KG
Height	560 MM
MPPT Controller	Included

## Key Features

### Main Advantages

- Advanced MPPT controller for optimal solar energy utilization
- Floating-style impeller design to minimize axial motor pressure
- Comprehensive electrical protection (under/over-voltage, overflow, waterless)
- Maintenance-free and quiet operation
- Corrosion-resistant construction suitable for long-term submersion

## Certifications

### Standards & Compliance

CE • CCC • EMC • ISO 9001 • RoHS