

# Submersible Solar Water Pump for Deep Wells

This submersible solar water pump is designed for use in deep wells. It is ideal for irrigation, livestock watering, and providing domestic water in remote locations.



## Product Overview

### High-Efficiency Solar Submersible Pump

This advanced submersible solar water pump is engineered for reliability in remote and dry regions, providing essential water for agriculture, irrigation, and domestic use. Featuring a brushless DC motor and MPPT technology, it offers 25% higher efficiency compared to traditional AC-powered systems. The unit includes a sophisticated controller that protects the motor and enables automatic operation, ensuring consistent performance for livestock and irrigation needs.

## Technical Specifications

### Construction Materials

- 100% Copper wire
- Cold-rolled silicon steel sheet
- Natural rubber seals
- Double plastic package for rotor and stator

Motor Technology	Permanent magnet, brushless DC, non-sensor
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Motor Insulation	300 M $\text{\textcircled{C}}$
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Core Technologies	MPPT, DSP Chip, Software Start-up
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## Operational Features

### Key Operational Benefits

- Automatic restart on overload
- Groundwater and tank water level detection
- Smooth software-controlled start-up
- Low-solar power protection to extend motor life

Battery Compatibility	Yes
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## Warranty and Support

Warranty	3 years
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Production Experience	5 years
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