

**SolarInnovate Energy Solutions**

# **Solar Commercial Fully Automatic Water Pump**



## Overview

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What is a solar well pump used for?

Beyond the listed uses, solar well pumps find application in a multitude of areas, including: Residential water supply: Ensure a steady flow of clean water for your home. Community water projects: Provide sustainable water access to remote communities. Environmental restoration: Support ecosystem revitalization efforts.

How do solar well pumps work?

Revolutionize Your Water Pumping with Sustainable Solar Well Pumps!  
Harness the power of the sun with our high-performance solar-powered deep well pumps. Our advanced MPPT inverters efficiently convert solar energy into electricity, driving the pump's motor to continuously extract water from depths reaching hundreds of meters.

Can solar power be used as a submersible pump?

The solution is to use solar power as the submersible pump's power supply. Combining a photovoltaic system and a submersible pump provides a cost-effective, reliably operating and autonomous system for efficient irrigation in agriculture and livestock farming.

How to choose a solar water pump system?

First, you should confirm whether the solar water pump system is direct feed or with Tank System. You can refer to the below two diagram to calculate the pump head. In practice, we normally choose the pump head 10%-20% higher than the actual demand in order to make sure the pump can work properly.

Why should you use A WILO-Actun Opti Submers-ible pump?

The solution here is once again a raw water intake from boreholes. In this context, the Wilo-Actun OPTI submers-ible pump guarantees optimum water supply in any weath-er thanks to its high motor and hydraulics efficiency as

well as dynamic Maximum Power Point Tracking (MPPT).

Why do you need a solar water pump?

Perfect for: Farm irrigation: Solar water pumps for irrigation can ensure consistent watering for your crops, regardless of location. Human and animal drinking water: Provide clean, healthy water for your family and livestock. Domestic water supply: Enjoy reliable water access in off-grid or remote areas.

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### Contact Us

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