

## SolarTech Power Solutions

# Solar powered water pump prices



## Overview

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Actual solar water pump prices can vary significantly based on the brand or manufacturer, motor type (AC or DC), power rating (HP), system design, and applicable government subsidies under schemes like PM-KUSUM Yojana. How much does a solar water pump cost?

A basic, but complete solar water pump kit, will cost around \$2,000. This baseline system will pump water from a few hundred feet deep at a few gallons per minute flow rate. Often solar pumps systems will replace the high costs of electric pumps and generators, high maintenance costs of windmills, and the inconveniences of hauling water.

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.

Are solar-powered water pumps eco-friendly?

Whether you are looking for the most environmentally friendly pumping solution on the market or want to give your garden a plus of beauty and elegance, a solar-powered water pump is what you should look for. It's 100% green, efficient and cheap! Each pump comes with its solar panel, and it's straightforward to install and use.

How do submersible solar pumps work?

Irrigation: They can pump water from deep underground wells and provide a reliable and cost-effective water source for irrigation. Drinking water: Submersible solar pumps can extract water from deep underground wells or boreholes, offering a safe drinking water source for both families and larger communities.

How much does a solar submersible water pump cost in India?

Top manufacturers offer solar submersible water pumps at different rates. The rates can range from ~Rs. 1,25,000\* for a 1 HP (horsepower) solar submersible pump to ~Rs. 5,50,000\* for a 10 HP (horsepower) solar submersible pump. Here's a snapshot of the prices of solar submersible pumps in India purely based on standard market estimates:.

What is a solar-powered submersible pump?

A solar-powered submersible pump is an incredibly cost-effective, sustainable water pump that uses the photovoltaic effect to generate clean, non-polluting electricity from sunlight. The DC electricity the solar panels produce is used in either of the two ways:

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- ✓ LIQUID/AIR COOLING
- ✓ INTELLIGENT INTEGRATION
- ✓ PROTECTION IP54/IP55
- ✓ BATTERY /6000 CYCLES



### Solar Water Pumps

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## How Much Is a Solar Water Pump? Learn About Costs

May 12, 2025 · Residential solar water pumps: Typically cost between \$500 to \$3,000. These are often surface pumps, suitable for shallow water sources or small-scale applications like garden ...



### Solar-Powered Submersible Pumps , Working, Price, and ...

Aug 6, 2025 · A solar-powered submersible pump uses solar energy to generate electricity which is used to run the motor. Explore the working principle, cost, advantages, and disadvantages ...

## China Solar Water Pump, Solar Water Pump Wholesale, ...

The cost of a solar pump depends on the size of the pump and the number of solar panels you require. The following costs are inclusive of the pump, solar panels, controller, solar wiring, ...



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