

Solar powered 3 kW water pump





Overview

What is a 3 hp solar water pump?

On grid 3 HP solar water pump is a grid tied water pumping system. In this system, the solar pump can be powered by direct solar energy as well as the government grid. If the solar panels generate more energy than the 3 HP solar pump's consumption, the excess power is exported to the grid via net metering.

What is a solar powered water pump?

Solar-powered Water Pumps: These pumps use energy from the sun to power electric pumps, which extract water from the ground. The price and technology have evolved in recent years, allowing solar-powered water pumps to be a more affordable, reliable and environmentally sustainable solution to water scarcity.

What are the different types of solar water pumps?

There are several different types of solar-powered pumps. But primarily there are four types of solar water pumps, they are submersible pumps and surface pumps, direct current (DC) pumps, and alternate current (AC) pumps.

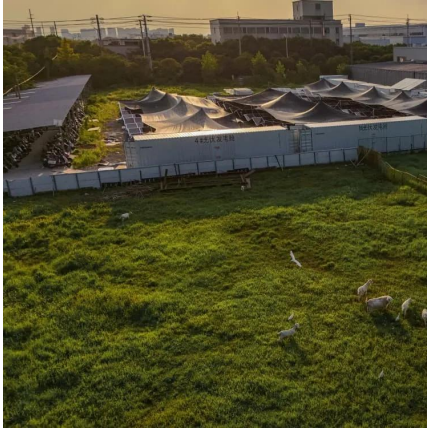
Submersible pumps: The submersible pumps are located deep below the ground level and are submerged underwater.

What is a submersible solar water pump?

There are two types of submersible solar water pump. An AC submersible solar pump runs on alternating current (AC) which means a solar inverter is needed to convert the DC (direct current) generated by the solar panels into alternating current (AC). Have a look below to see the specifications of this solar pump. 25000 – 60000 Liters\day.



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A 3 HP solar water pump is available in 2 different types and 3 technologies to operate which we have mentioned below. So the prices of a 3 HP solar water pump varies according to its type ...



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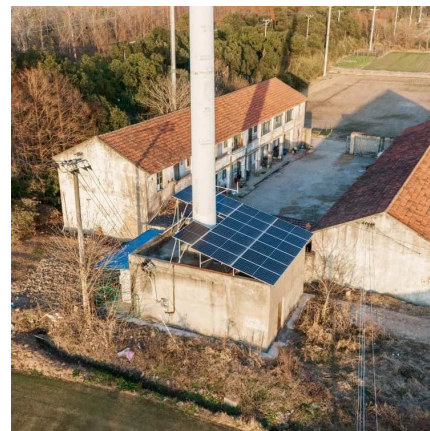


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