

Small solar DC Water Pump





Overview

How much power does a solar water pump use?

Unlike traditional solar water pumps, our small solar water pumps used low voltage power (12v or 18v or 24v, and can be customized), so it only needs a small piece of solar panel to generate electricity. It is easy to use, low power consumption and with small size, and portable. Is every DC water pump suitable for the solar panel system?

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What is a solar water pump circuit?

In a nutshell, we designed a specific water pump circuit for the solar panel. This circuit has a small starting inrush current and default with over-voltage protection functions. So this kind of pump has stable performance, long lifespan, and low failure rate.

What is a brushless solar water pump?

DC brushless solar powered water pump (motor type) The motor type brushless dc pumps consist by a brushless DC motor and an impeller. There is a gap between the stator and the rotor of the water pump. This will increase the possibility of motor burnout. Since the water will penetrate into the pump motor after the pump used for a long term.

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.



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