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## Solar Water Pump

Dwys Solar is a leading China Solar Water Pump manufacturers and suppliers. What would happen if you lived in a developing country and needed water to irrigate your crops, but didn't have enough energy to do it? You can't simply flip a switch that connects to the grid. This is the time to harness the power of the sun, because solar power can change lives.

## Product Description

Dwys Solar is a professional China Solar Water Pump manufacturers and suppliers, if you are looking for the best Solar Water Pump with low price, consult us now!



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to harness the power of the sun, because solar power can change lives.



Access to clean water is necessary for more than just drinking. The World Bank reports that in most parts of the world, more than 70 percent of freshwater is used for agriculture. This percentage increases to 80-90% of water consumption in developing country regions.



Additionally, more than 60 percent of the world's population depends on agriculture for their livelihoods, according to the United Nations' Food and Agriculture Organization (FAO). What does all this mean if it doesn't rain and there is no reliable irrigation system? It means that the crops fail and the people suffer.



Fortunately, there is a solution that can improve food security, improve community health, and reduce poverty: solar-powered water pumps.

Solar cells within a solar panel absorb photons from the sun and convert them into direct current electricity.

An inverter converts direct current to alternating current (alternating current).

This electricity is used to operate the water pumps.



### **water pump motor**

Water pump motors draw water from any available water source, including groundwater or other sources, for irrigation, domestic or other purposes.



### **low cost**

The cost of PV (photovoltaic) panels has come down significantly, reducing the initial setup cost of many years ago. Operating expenses are lower than other systems because solar power provides energy instead of fuel. The long-term savings in fuel costs more than outweighs the initial investment required to install a solar water pump.



### **environmentally friendly**

Sunlight is a renewable energy source.

There are no toxic emissions later in the solar production process.

Therefore, solar water pumps are considered as clean energy.



### **Easy to maintain**

Solar water pumps have very few parts, which reduces the chances of parts needing repairs. They can last for years without maintenance.