



500W solar powered water pump

What is a 500 watt solar water pump?

A 500 watt solar water pump is a 48V DC motor pump with a maximum head of 45~109m (145~355ft) and a maximum flow of 449~1321 gallons per hour. It has an inlet diameter of 3 inch/4 inch and an outlet diameter of 0.75 inch/1.25 inch. This solar water pump can be used for deep well, small fountain, large pond, or water tank applications.

What are solar-powered water pumps?

Solar-powered water pumps are water pumps running on electricity generated by solar energy. They use solar photovoltaic (PV) systems to generate power, often deployed alongside diesel pumps in areas with abundant sunshine and high costs for power lines.

What is the best solar powered water pump?

The highly efficient Decdeal Solar Powered Water Pump is a great pick. It is produced from polycrystalline silicon which is much simpler with less silicon waste produced. One strong advantage the Decdeal Solar Powered Water pump has is that it is quick to start and quite easy to use and operate.

What is a solar water pump controller?

[High-quality controller]: The solar water pump controller utilizing MPPT technology to ensure maximum flow is delivered under all light conditions. It also protects the submersible pump from frequent start up in low light conditions, overheating & running dry with LED display to view working various condition.

What is the maximum head of a solar well pump?

Max. Head: 120m (393ft) · This solar well pump is built with rust-resistant 304 stainless steel, the pump is highly resistant to corrosion. · The high-precision rotor and NSK bearing can reduce friction for long-time use. · Powerful flow with 7.9 GPM and the highest head can reach 393ft.

How high can a solar well pump go?

Head: 120m (393ft) · This solar well pump is built with rust-resistant 304 stainless steel, the pump is highly resistant to corrosion. · The high-precision rotor and NSK bearing can reduce friction for long-time use. · Powerful flow with 7.9 GPM and the highest head can reach 393ft. More convenient and efficient to use water.

This solar pump is suitable for pumping water from shallow bores, dams and rivers. Solar Pressure Pump Specifications: Pump power : 500W/48V DC Pump Type: Impellers Maximum Suction: 5m Maximum Heads: 35m Maximum Flow ...

“ 48V DC 500W Deep Well Water Pump Solar Submersible Pump with MPPT Controller Max Head 109m. ?Spec? Voltage: 48V; Rated power: 500W; Max. Pump ...



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This solar-powered well pump kit delivers 500W of power, ideal for farms, gardens, and remote areas. Perfect for sustainable water management, this solar irrigation pump system ensures efficient water flow off-grid.

Use only 3 solar panels (380Wp to 550Wp) Ideal for small supply applications. Guarantees efficiency and durability. Provides greater corrosion resistance. High performance with specific application for solar pumps. Where can it be used? ...

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