



# 500W Solar Water Pump Inverter

What is a 500 watt solar water pump?

500 watt solar water pump with external DC controller has stainless steel impeller/screw, maximum head 45~109m (145~355ft), maximum flow 449~1321 gallons per hour, 3 inch/4 inch inlet diameter and 0.75 inch/1.25 inch outlet diameter. 48V DC solar water motor pump can be used for deep well, small fountain, large pond or water tank.

How a solar water pump works?

[Intelligent Water Shortage Sensors]: This solar water pump has an intelligent water shortage sensor, so it has an intelligent water shortage protection function. When there is no water in the well, the pump will automatically stop working. [Pump Motor]:The solar pump use NSK bearing with permanent magnet brushless synchronous motor.

Why should you choose a solar water pump?

Moreover,it is suggested to be connected with solar panel,which is high energy conversion rate,environmental-friendly and lower consumption. [Intelligent Water Shortage Sensors]: This solar water pump has an intelligent water shortage sensor,so it has an intelligent water shortage protection function.

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.

How high can a solar well pump go?

Head: 120m (393ft) &#183;This solar well pump is built with rust-resistant 304 stainless steel,the pump is highly resistant to corrosion. &#183;The high-precision rotor and NSK bearing can reduce friction for long-time use. &#183;Powerful flow with 7.9 GPM and the highest head can reach 393ft. More convenient and efficient to use water.

What is the maximum head of a solar well pump?

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Centrifugal pump for big flow Higher efficiency, lighter weight Permanent magnet ( DC brushless ) motor appliedHigh reliability,high-performance semiconductor devicesapplied,98% conversion ...

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