

SolarGrid Energy Solutions

400W solar water pump



Overview

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.

What are solar energy-powered water pumps?

Solar energy-powered water pumps are water pumps running on the electricity that is generated by solar energy. For generating solar power, solar photovoltaic (PV) systems are used for complementary energy sources, they are deployed alongside diesel pumps in areas with plenty of sunshine and where the cost to run power lines is high.

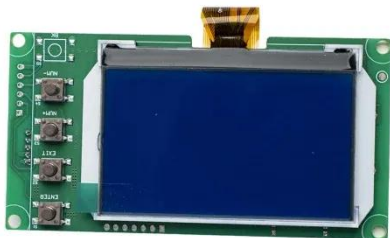
What is a 400W solar panel?

EcoFlow's 400W solar panel comes complete with a protective case that doubles as a sturdy supporting stand. Simply set up your panel anywhere and conveniently adjust its angle to get the most sun possible. Ready for the outdoors. Made from durable and flexible materials, the portable solar panel is perfect for off-grid living and travel.

How does a solar water pump work?

[Complete solar water pump system] The solar panel provides sufficient energy support for the water pump, the MPPT controller adjusts the water pump to work according to the situation, and the 100Ah battery ensures that it can work even in cloudy weather.

400W solar water pump

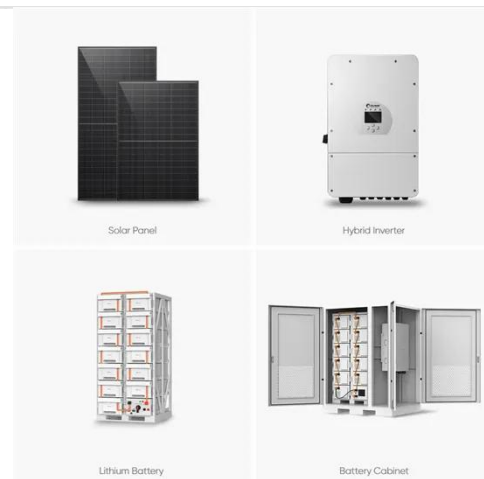


ECO-WORTHY 24V Solar Well Pump Kit

May 20, 2025 · About this item [400W Solar Well Pump System]:Includes 400W solar panels + 120W submersible pump (3.2 GPM flow) + 2x50Ah LiFePO4 ...

70M 400W Solar Borehole Pump Without A Controller

70M 400W Solar Borehole Pump Without A Controller - SFBH70M. Delivery Across South Africa Joburg, Pretoria, Cape Town, Durban & Across SA Secure Shopping Easy



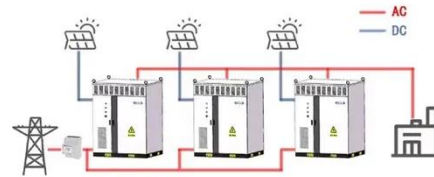
DC 400W Solar Water Well Pump Kit, 24V Stainless Steel ...

Sep 10, 2020 · DC 400W Solar Water Well Pump Kit, 24V Stainless Steel Deep Well Submersible Solar Pump System with MPPT Controller and 2pcs 12V 100Ah Battery for Home or Industrial ...

DC High Flow 400W 90m 2 3. M/H Solar Water Pump

Jul 3, 2025 · DC High Flow 400W 90m 2
3. M/H Solar Water Pump US\$125.00 -
188.00 1 Piece (MOQ) Port: Ningbo,
China

WORKING PRINCIPLE



400W DC48 Fld Submersible Booster Solar Water Pump with ...

Aug 5, 2025 · Our solar water pump has permanent magnet brushless synchronous motor, 304 stainless steel rotating shaft, special seal for silicon carbide, N40SH magnet steel, 180 °C high ...

4SD48V - 48V - 400W - Solar Pump and Motor - Pumps ...

Jan 25, 2024 · The Hurricane 4SD48V solar borehole pump comes complete with 400W 48V submersible motor and pump and is capable of delivering up to 600L/hour at a depth of 41m.



Amazon : Solar Well Pump Kit

DC 400W Solar Water Well Pump Kit, 24V Stainless Steel Deep Well Submersible Solar Pump System with MPPT Controller and 2pcs 12V 100Ah Battery for Home or

Industrial use



3rd Gen 400W Solar Water Pump 75ft

Aug 19, 2025 · Solar powered water pump for irrigation of a small farm
Features: Maximum depth: 70ft Output: 2000 liters/hour Power: 400W/24V DC Direct ...



Fly 3FSP148-50-3-400-1 Submersible Solar ...

The Fly 3FSP148-50-3-400-1 Submersible Solar Water Pump features a robust 400W motor, delivering a high flow rate of 3m³/hr. This ensures efficient water ...

Gol Pumps GPDC Impeller Type Solar ...

Jun 19, 2025 · Shop Gol GPDC solar submersible water pump - 400W impeller-driven unit with 36V/48V input. Ideal for off-grid irrigation or water transfer.



3" DC 36V 400W Solar Submersible Water Pump, Deep Well Pump ...

1 day ago · 3" DC 36V 400W Solar Submersible Water Pump Deep Well Pump w/ MPPT Controller Description The Whole Body of Our Solar Water Pump Is Made of Stainless Steel, ...

Surface Solar Water Pumps

Quality solar water pumps with high flows and discharge pressures. Connect directly to solar panels, no battery necessary. Ideal for stock feed water ...



Amazon : Deep Well Pump 3" DC24V/36V 140W/400W Solar ...

Jul 22, 2021 · Deep Well Pump 3" DC24V/36V 140W/400W Solar Power Submersible Water Pump+MPPT Controller Stainless Steel Brushless Bore

Hole Well Pump Kit for Home or ...



Reliable solar water pump 400w Models Available

Get ecofriendly solar water pump 400w which are reliable and cost-effective from Alibaba . The solar water pump 400w are ideal where the power supply is low.



24v 400w solar pump

Efficiently harness the sun's power with our versatile 24v 400w solar pump, offering sustainable water solutions with reduced energy costs.

48V DC 400W Solar Water Pump System for Garden

Enhance your garden irrigation system with our 48V DC 400W whole set solar water pump system. The GS-2DPC series offers a powerful and efficient solution

for family garden ...



Lithium Solar Generator: \$150



48vdc Brushless Solar Powered Water Pump ...

High quality 48vdc Brushless Solar Powered Water Pump 400W Solar Powered High Pressure Water Pump from China, China's leading Brushless Solar ...

400W 3" DC 48v Solar Water Pump Submersible Deep Bore Well Pump ...

3 days ago · The Solar Water Pump Controller Drives the High Efficient Brushless Dc Pump Motor, Utilizing the Latest Mppt Technology to Ensure Maximum Flow Is Delivered Under All ...



Deep Well DC 24V 48V 200W 300W 400W ...

Deep Well DC 24V 48V 200W 300W 400W Submersible Solar Pumps A solar water pump is a system that uses

electricity generated by solar panels to drive ...



3" DC 36V 400W Solar Submersible Water Pump, Deep Well Pump ...

2 days ago · 3" DC 36V 400W Solar Submersible Water Pump Deep Well Pump w/ MPPT Controller Description The Whole Body of Our Solar Water Pump Is Made of Stainless Steel, ...



Reliable 400w solar water pump Models Available

Get ecofriendly 400w solar water pump which are reliable and cost-effective from Alibaba . The 400w solar water pump are ideal where the power supply is low.

DC 48V 400W Solar Well Pump 4 Inches Stainless Steel ...

Product name:DC 400W Stainless Steel Impeller Deep Well Solar Pump
Horsepower:400W Model Number:4PPSS
- 400W Material:304 Stainless Steel

Voltage: DC 45~150 V ...



ECO-WORTHY 400W Solar Deep Well Pump Kit, 140W Submersible Well Pump

Sep 14, 2021 · ?All-in-One Solar Well Pump Kit? - Includes 4x100W solar panels, a 3-inch deep well pump with built-in MPPT controller for connecting solar cables and liquid level sensor. ...

FLOJOY DC 48V 400W Solar Water Pump 150 ...

Buy FLOJOY DC 48V 400W Solar Water Pump 150 Feet 3000 L/hr (2 nozzle 1Inch & 2Inch) Submersible Water Pump for Rs. online. FLOJOY DC 48V ...



Reliable solar water pump 400w Models Available

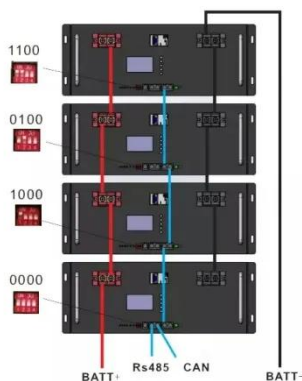
Alibaba has a variety of solar water pump 400w models to help supply water to areas where there are no powerlines.

They use photovoltaic modules to utilize sunlight and convert it into ...



Amazon : 3" Solar Deep Well Submersible Pump 48V 400W ...

Nov 19, 2020 · 3" Solar Deep Well Submersible Pump 48V 400W DC Submersible Solar Water Pump stainless steel Farm Irrigation + MPPT Controller Kit 3DPC3-47-48-400 (48V 400W)



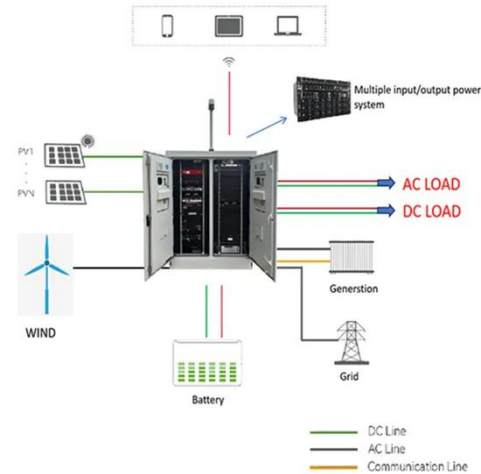
TH 3" Solar Bore Pump Complete Kit

Tuhorse's reliable 3" 500W Solar Bore Pump includes a comprehensive package featuring 400W solar panels and a 40M cable, all delivered to your doorstep free of charge. ...

3" DC Solar Water Pump Submersible Deep Bore Well Pump 48V 400W ...

2 days ago · The Solar Water Pump Controller Drives the High Efficient Brush-

less Dc Pump Motor, Utilizing the Latest Mppt Technology to Ensure Maximum Flow Is Delivered Under All ...



Jdpump 20m 6m³/h 24v/48v 400w High Quality DC Solar Water Pump

...

The Jdpump 20m 6m³/h 24v/48v 400w DC Solar Water Pump is engineered for farm irrigation and deep well systems. This high-quality solar pump is designed for efficient water extraction and ...

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