

SolarTech Power Solutions

Brazilian solar water pump inverter standard value



Overview

Flow rate up to 96 m³/h – Pressure up to 394 mca. Control panel with TSIK or TSIM solar inverter and electrical protections. Monocrystalline solar panels, 550W. Triangular support with adjustable angle, made of aluminum alloy with anodized finish, resistant to winds up to 108 km/h.

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Submersible pump models (4BPS / 4BPL / 4BPLi / 4TSMD / 4TSML / BHSS / BHS / BHSE) with OM4A (4") or OM6A (6") submersible motor, asynchronous, rewound, 220V or 380V, 60Hz, three-phase up to 15HP, and easy to maintain. Flow rate up to 96 m³/h – Pressure up to 394 mca. Control panel with TSIK or TSIM.

Supplier highlights: This manufacturer mainly exports to Egypt, Mexico, and Brazil, offers full customization services, and has a customer satisfaction rate of 98.3% .

Panel 14 pcs 400W panels in only one string. Xrise New Energy Technology Co., Ltd (Xrise), is a leading company and a professional solution supplier in the field of solar pump inverter, solar pump system, solar energy storage solution. At present, we are the biggest manufacturer of solar solar.

Inverter pump solar systems harness the energy of the sun to power submersible or surface pumps, providing a reliable and cost-effective alternative to traditional grid-tied or diesel-powered systems. Inverter technology converts the direct current (DC) generated by solar panels into alternating.

The general rule is 1.4 greater than the AC pump-rated current. Therefore, for a pump with a rated current of 5A, the inverter output current should be $5A * 1.4 = 7A$. In addition, you can indicate the total power capacity of the solar panel according to the inverter power capacity. It is equal to.

Solar pump inverters are the backbone of modern solar-powered water systems, offering a sustainable and cost-effective alternative to traditional grid-dependent pumps. Whether you're a farmer, industrial user, or eco-conscious homeowner, understanding how solar pump inverters work and their.

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