

3-Inch Solar Submersible Borehole Pump

This 3-inch submersible borehole pump is designed for solar-powered water extraction. Constructed from stainless steel, it offers durability and corrosion resistance in submerged environments.



ADDITIONAL IMAGES



Product Overview

Sustainable Water Extraction

This 3-inch solar submersible borehole pump is a high-efficiency solution designed for reliable water extraction in remote or off-grid locations. Built with durable stainless steel and corrosion-resistant components, it ensures long-term performance in demanding submerged environments. Utilizing advanced MPPT technology and a brushless DC motor, this system maximizes solar energy conversion to provide consistent water supply for irrigation, livestock, and domestic needs.

Construction & Materials

Component Materials

Component	Material
Outlet	Brass
Pump Body	Stainless Steel
Impeller	Plastic
Motor Body	Stainless Steel

Motor & Controller

Controller Specifications

- 32bit MCU
- FOC Technology
- Sine Wave Current
- MPPT Integrated

Motor Technology	Full Oil Permanent Magnet Brushless DC Motor (Without Hall)
Controller Housing	Die-cast Aluminum (IP67)

Product Features

Ideal Applications

Irrigation, Livestock Watering, Domestic Water Supply, Deep Well, Off-Grid