

Solar Powered Water Pumping System

This solar-powered water pumping system is designed for efficient water extraction. It integrates a submersible pump, solar panel array, and a control unit for water pumping in remote locations.



ADDITIONAL IMAGES



Overview

Solar-Powered Water Pumping Solution

This solar-powered water pumping system is designed for efficient and reliable water extraction in remote or off-grid locations. By utilizing solar energy, it eliminates the need for grid electricity or fossil fuels, making it an ideal choice for agricultural irrigation, livestock watering, and domestic supply. The system includes a durable submersible pump, an external controller, and a float switch to ensure optimized performance and protection.

Technical Specifications

Power Rating

1 kW
Power

1.3 HP
Horsepower

Model Number	4DSP6/95-D110/1000
Voltage	220 V
Frequency	50 Hz

Performance Metrics

Maximum Flow Rate	6 m ³ /h
Maximum Head	50 m

Construction & Components

Motor Type	Copper wire
Impeller Material	Plastic
Inlet/Outlet Size	1.5 inch
Cable Length	2 m
Included Accessories	External Controller, Float Switch