

Solar Powered Water Pumping System

This solar pump system is engineered for dependable water pumping in locations lacking grid power. The system uses solar panels to generate electricity, which powers a pump to extract water from various sources.



System Overview

Solar Powered Water Pumping Solution

This high-efficiency solar-powered water pumping system is engineered for reliable performance in remote locations where grid power is unavailable. The complete solution integrates solar panels, an intelligent pump controller, and a submersible pump to provide consistent water flow for critical needs. It is an ideal sustainable choice for agricultural irrigation, livestock hydration, and domestic water supply systems.

System Components

Inclusions

- High-efficiency solar panels
- Advanced pump controller/inverter
- Submersible water pump

Applications

Primary Applications

Irrigation, Livestock Watering, Domestic Water Supply, Remote Water Access

Performance Features

Operational Features

Solar-optimized energy management • Reliable remote operation • Variable intensity performance