



TECHNICAL DATASHEET

Solar Water Pumping Systems

Sustainable solar water pumping systems.



Solar Water Pumping Systems are the ideal solution for those looking for a sustainable, economical, and reliable alternative for water supply. Using solar energy as the main source, they offer reduced operating costs, energy independence, and automatic and silent operation, with minimum maintenance.

APPLICATIONS

- Water supply in remote or isolated areas
- Agricultural irrigation systems with solar energy
- Water extraction from boreholes, wells, rivers, or reservoirs
- Pumping systems where energy cost reduction is desired
- Installations requiring low environmental impact and reduced maintenance
- Combined use with alternative energy sources (generators, power grid)

FEATURES

Economy	Significant savings with stable costs
Autonomy	Energy independence
Reliability	High reliability and long service life
Operation	Silent and automatic operation
Maintenance	Minimum maintenance
Installation	Easy to install and start up
Control	Start by PV panel voltage and wait time
Stop	Selectable by frequency or power
Safety	Dry well detection function
Compatibility	Asynchronous and permanent magnet motors
Efficiency	Low consumption (optimizes working point)
Protection	Irradiance variation and tank level detection
Power Supply	Hybrid (solar + grid/generator)
Construction	IP65 enclosure and aluminum chassis (passive dissipation)