

## CAFOD \_Solar Water Pump 3” inches, Power: 1 - 15 hp (Medium Pressure) – Technical Specifications

Solar Powered Water Pump 3” inches as per attached sample image	
Pressure	Medium Pressure
Pipe Materials	Iron
Power	1 HP to 15 Hp
Brand	Any Quality Brands with guarantees for more 2 years Warranty

### Description:

- The product is applicable to water pumping system to be used with solar power as an environmental-friendly and economical solutions.
- It replaces need for electricity and needs no battery modules.
- The direct current generated by solar PV modules is input to the Solar pump controller and is converted into the alternating current to drive various pumps directly.
- Additionally, the output frequency and voltage is adjusted in real-time according to sunlight intensity change.

### Features:

- Stand Alone System
- Maintenance Free, Long life span.
- Reliable and Sturdy
- Pollution Free, Environment Friendly
- Zero running cost.
- No requirement of Batteries.
- No Dependency on EB/DG sets
- Diesel Generator is at least five time expensive than Solar is over its life of 25 years.
- Payback period is just 2-3 years
- Automated and low maintenance system
- Solar System Provides stable voltage(Superior power quality) leads to longer life for costly Instruments
- MPPT control technology maximization of solar energy harvest.
- Controller with DSP technology and IPM design, with function of over current over voltage and over temperature protection, built-in C3 filter, achieving, reliable, automatic and unattended running.
- Hibernate at sunrise and sunset and wake up at strong sunlight.

- Universal plant for Water Pump.
- Affordable Roof top/Land Mounted Solar Power Plant Solutions.
- Live uses, No Electric use in day time, Reduce Electricity Bills.
- Fully automatic operations.
- Effective Power Management

