

# Stellar Green Energy Solutions



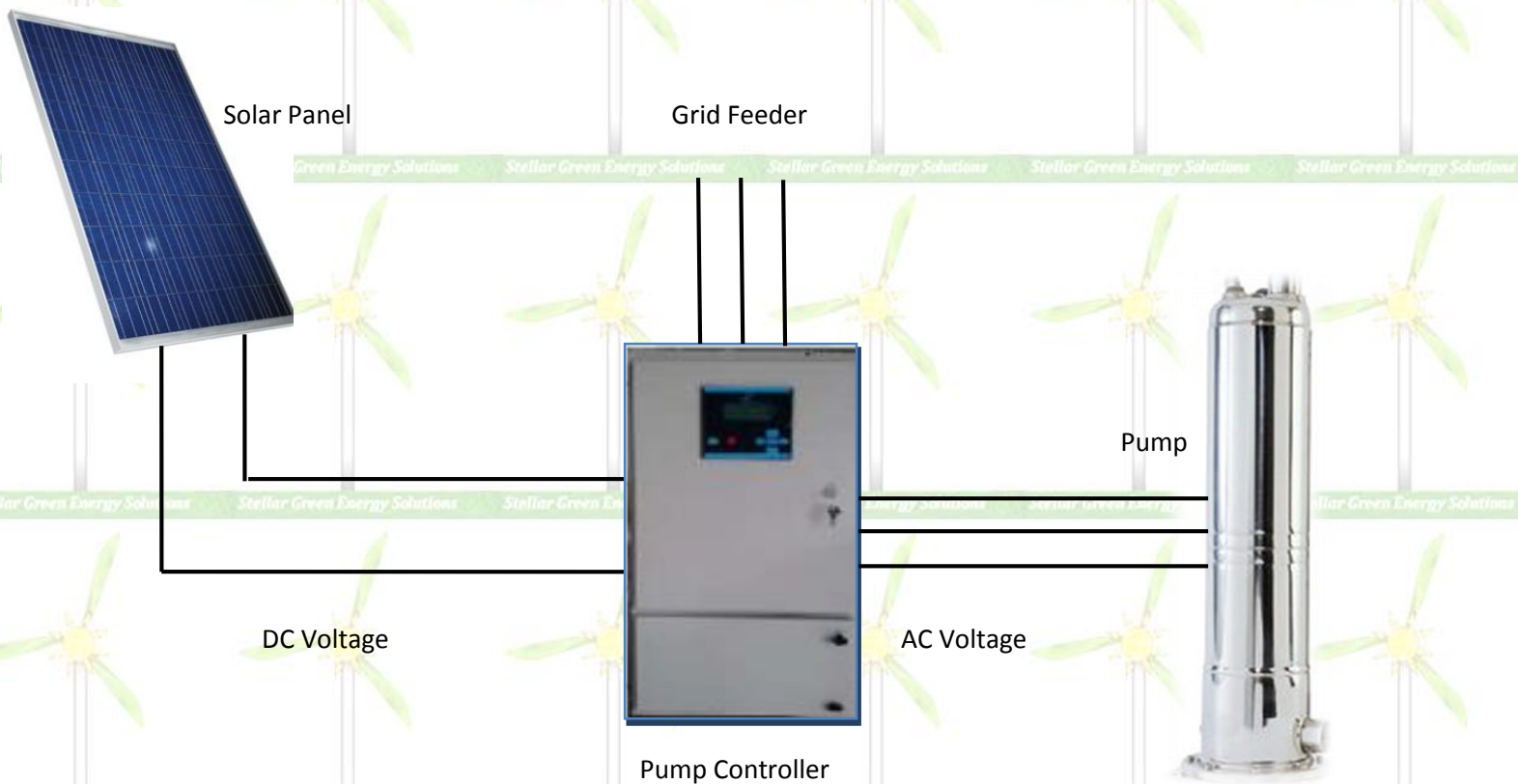
Product Catalog  
Solar Pump Controller

# Solar Pump Controller

One of the biggest costs for farmers in India is to run water pumps using Diesel Generators. As in most of the rural area's in India are facing the problem with the availability of sufficient electricity from grid. Our Solar water pump controller is the best solution for running water pumps in remote areas where GRID supply is either erratic or not available at all. There is no need to replace/modify existing pumps with our solar pump controller. Also, there are no batteries used in this system which makes it extremely cost effective way of pumping water in fields where GRID supply is absent/erratic.

Solar Pump Controller is a device which allows existing motor or pump to run directly from the solar power. Thus only Photovoltaic Panel & Pump Controller needs to integrate with existing water pump. Pump Controller uses the generated power from PV and converts in required form for AC Motor. Solar energy which is abundant on earth can be harnessed for this purpose.

Our pump controller works on MPPT technology, to maximize water delivery at various solar energy levels without battery.



## Solar Pumping System

## Advantages

- NO BATTERY
- NO STARTER
- USE EXISTING AC MOTORS
- 20 YEARS LIFE
- 10 YEARS PV WARRANTY
- 2 YEARS CONTROLLER WARRANTY.
- ONE TIME INVESTMENT
- AUTO/MANUAL OPERATION
- RANGE: 1HP to 50HP

## Technical Specification

Model	Pump Capacity	Solar Panel Requirement
SP-01	1 HP	1200
SP-02	2 HP	2400
SP-03	3 HP	3600
SP-04	4 HP	4800
SP-05	5 HP	6000
SP-07	7.5 HP	9000
SP-10	10 HP	12000

\* All pumps are also available with the option of manual change over.

For further details about solar pump controller please contact

**STELLAR GREEN ENERGY SOLUTIONS**

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