



SOLAR PUMP SYSTEM

■ DESCRIPTION

This system works at its best during any time of the day at any kind of sunlight. The induction motor has very high starting current which is around four times of the running current of the motor. The VFD in controller eliminates the high starting current of the induction motor. Because of the smooth start using VFD, the motor will start as early as even 9am and works till 5:30pm. It delivers maximum water during 10am to 4pm.

Solar Pump System includes Photovoltaic Panel, Electronic Device and AC Motor. Electronic Device is a combination of Inverter, MPPT and VFD. It 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.

■ FEATURES

- No Battery
- No Starter
- No Man Power

■ Use Existing Ac Motors

- 20 Years Life
- 2 Years Controller Warranty.
- One Time Investment
- Auto/manual Operation
- Range : 1hp To 50hp

■ APPLICATIONS

- Agriculture Irrigation
- Wastewater Treatment -
- Municipal & City Centre Squares,
- Parks, Resorts, Hotels &
- Tourist Sites, Landscapes,
- Chemical Factories, Mills

Models Available

SOLAR CONTROLLER FOR EXISTING 3 PH AC SUBMERSIBLE AND OPENWELL SUBMERSIBLE WATER PUMP

Pump Capacity	Pump Controller Model	Operating DC Voltage Range	Total Solar Panel Required	Panel Combination
1 H. P.	VSPC P1	75-200	1000 watt	250W X 04Nos.
2 H. P.	VSPC P2	200-450	2200 watt	180 W X 12 Nos.
3 H. P.	VSPC P3	200-450	3000 watt	250 W X 12 Nos.
5 H. P.	VSPC P5	200-450	5400 watt	225 W X 24 Nos.
7.5 H. P.	VSPC P7	250-575	7500 watt	250 W X 30 Nos.
10 H. P.	VSPC P10	250-575	10000 watt	225 W X 45 Nos.

Above models are available with
auto change over to Mains (Optional)