

SOLAR WATER AC PUMP

MNRE COMPLIED



SERVICES & AVAILABLE

- Site Analysis & Technical Feasibility Study
- Project Investment. Payback & IRR Analysis
- Techno-Commercial Proposal
- Project Planning, Controlling & Management
- Engineering, Procurement & Construction
- Technical & Document Support for Approval & Permission from Government
- Service, Operation & Maintenance

APPLICATIONS

- Residential
- Domestic
- Industrial
- Commercial
- Manufacturing Unit
- Education Institute
- Trust / NGO / Hospitals / Clinics Etc.
- Benefits of Grid connected Solar Power Plant

BENEFITS

- Up to 50% saving in Electricity bill
- Accelerated Depreciation Benefits
- Net Metering facility as per State Solar Policy
- 25 Years Long Lasting Life.
- 4 to 5 year's Project Payback
- Hedge against inflation in Elec. Tariff
- Cheaper than Current Electricity Rate
- Step towards Green World
- Reduce Carbon Emission

CONTROLLERS FEATURE

- Inbuilt MPPT tracking
- Sensor less Dry run protection
- Tank overflow protection
- Over current fault protection
- IP 65 certified enclosures
- Remote monitoring system (Optional)
- Short circuit protection

HIGHLY EFFICIENT BL/DC MOTORS :

SUBMERSIBLE MOTOR DETAILS				
MOTOR TYPE	COOLING TYPE	MOTOR RATING	VOLTAGE RATING	THRUST CAPACITY IN KN
DC - V4	O/F	1HP	65	8.2
DC - V4	W/F	1HP	72	
DC - V4		2HP	135	
DC - V4		3HP	220	
DC - V4		5HP	350	
AC - V4	W/F	2HP	130	15
		3HP	205	
		5HP	340	
AC - V6	W/F	5HP	340	
		7.5HP	300	
		10HP	340	
		15HP	380	
DC - V6	W/F	7.5HP	300	
		10HP	300	
		15HP	380	

SUBMERSIBLE SOLAR PUMP FAMILY

SOLAR SUBMERSIBLE AC SOLAR PUMP FAMILY				
S. No.	MODEL NUMBER	HEAD POWER		DISCHARGE IN "LPD"
		IN 'M'	IN HP	
1	1 S AC S 30	30	1	42050
2	2 S AC S 30	30	2	63100
3	3.5 S AC S 30	30	3	105050
4	3.5 S AC S 50	50	3	63100
5	3.5 S AC S 70	70	3	42150
6	5.5 S AC S 50	50	5	100700
7	5 S AC S 70	70	5	67200
8	5.5 S AC S 100	100	5	43300
9	7.5 S AC S 50	50	7.5	141800
10	7.5 S AC S 70	70	7.5	94550
11	7.5 S DC S 100	100	7.5	60800
12	10 S DC S 50	50	10	189050
13	10 S DC S 70	70	10	125900
14	10 S DC S 100	100	10	81175

SOLAR SUBMERSIBLE PUMPING SYSTEM

*****	CONSTRUCTION TYPE STANDARD WATER WELL
COMPONENT	
Casting	304 SS Over Iron
Stator Shell	304 SS
Shaft Extension	304 SS
Fasteners	304 SS or 302 SS
Seal Cover	304 SS
Seal	Nitrile Rubber Lip
Diaphragm	NBR
slinger	NBR
Lead Wire (or Cable)	XLPE
Lead Potting	Epoxy
Lead Jam Nut	304 SS



Highly efficient BL / DC Motors

Solar Submersible Pumping System

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