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Bringing Reliable
Water Supply with
**Solar Water Pump
Solutions**





Sunlight Infra Energy solar pumps offer incredible features coupled with excellent performance, thus making a distinctive mark in the pump market. Ranging 1HP-50HP, we offer solar submersible pump, solar surface mono-block pump and solar open-well pump.

Sunlight Infra Energy has always been a pioneer in state of the art technology which helps in producing highly energy efficient reliable and durable solar pumps. we offer hybrid solar pump which use on solar energy in the day and electricity in the night. Our solar water pumps are standalone systems operating on power generated using highly efficient Photo-Voltaic (PV) system.



SOLAR SUBMERSIBLE PUMPS

Sunlight Infra Energy Offers a wide range of solar submersible pumps ranging from 1 HP to 50 HP. A solar submersible pump has mini power house at its heart and consists of a calibrated and matching solar array of modules tuned with the equivalent power of pump for that particular application. The solar water pumping system is capable of running all types of electrical water pumps with applications varying from irrigation to household demands. We also provide hybrid solar pump which can run on both the solar and electric power.

SOLAR OPEN WELL PUMPS

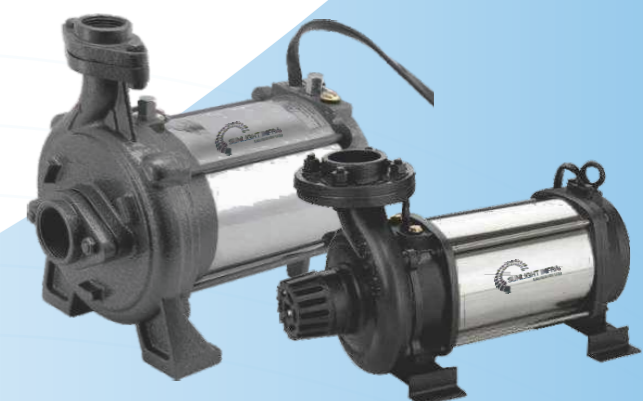
Sunlight Infra Energy offers solar open well pumps ranging from 1 HP to 10 HP. Our three phase pumps developed using very high quality material and state-of-the-art manufacturing process. Our solar open well pumps are ideal for open well there is a fluctuation in the water level. The solar pump rests at the bottom of the well and functions beneath the water.

SOLAR MONOBLOCK PUMPS

Sunlight Infra Energy offers solar surface mono-block pumps ranging from 1HP to 10 HP. These pumps are very easy to install, have low maintenance cost and offers great efficiency.

APPLICATION

- IRRIGATION
- DOMESTIC & INDUSTRIAL WATER SUPPLY
- FOUNTAINS
- SPRINKLER SYSTEMS
- DRINKING WATER



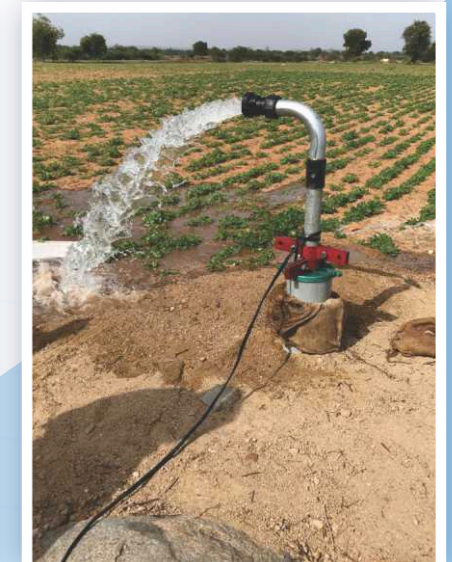
INSTALLATION

0.5 HP to 20 HP SOLAR SUBMERSIBLE PUMP

SPECIFICATIONS	0.5 HP	1 HP	2 HP	3 HP	5 HP	7.5 HP	10 HP	15 HP	20 HP
HP/KW	0.5HP/ 0.37KW	1HP/ 0.75KW	2 HP/ 1.5KW	3 HP/ 2.2KW	5 HP/ 3.7KW	7.5 HP/ 5.5KW	10 HP/ 7.5KW	15 HP/ 11.0KW	20 HP/ 15.0KW
STAGE	6	12-15	12-25	15-25	4-30	5-10	8-16	6-16	4-25
DISCHARGE OUTLET (IN INCH)	1.25'	1.25'	1.25'-1.5'	1.5'	1.5'-3	2'-3'	2'-3'	2'-4'	2'-4'
HEAD (IN METERS)	20 METERS	30-60 METERS	30-70 METERS	50-90 METERS	30-100 METERS	30-100 METERS	30-150 METERS	30-160 METERS	30-250 METERS
DISCHARGE IN LPM	25 LPM	25-40 LPM	40-120 LPM	60-120 LPM	90-470 LPM	170-680 LPM	170-800 LPM	330-1400 LPM	250-1750 LPM
OUTER DIA	68 MM	68,95 MM	95 MM	95 MM	95,142 MM	142 MM	142 MM	142 MM	142,161 MM
MAXIMUM AMP	4.0 A	4-6.5 A	8.0 A	8.0 A	8.0 A	17.0 A	17.0 A	24.0 A	30.0 A
RPM	2800								
IMPELLER	NORYL/SS								
STAGE CASTING	NORYL/SS								
WINDING WIRE	COPPER								
MOTOR HARDWARE	SS 304								

1 HP to 5 HP SOLAR SURFACE/OPENWELL PUMP

SPECIFICATIONS	1 HP	2 HP	3 HP	5 HP
KW/VOLTAGE	0.75KW/380V	1.5KW/380V	2.2KW/380V	3.7 KW/380V
DISCHARGE OUTLET (IN INCH)	1.25"	1.25"-1.5"	2.0"	3"
TOTAL HEAD (IN METERS) (SUCTION + SHUT OFF)	10+18 METERS	12+24 METERS	08+22 METERS	6+26 METERS
DISCHARGE IN LPM	300 LPM	450 LPM	900 LPM	1200 LPM
MAXIMUM AMP	1.8 A	3.2 A	5.0 A	8.0 A
RPM	2800			



SOLAR DUAL PUMP (DRINKING WATER)

1 HP to 5 HP SOLAR SURFACE/OPENWELL PUMP

SPECIFICATIONS	1000 Liters	2000 Liters	3000 Liters	5000 Liters
PUMP CAPACITY	1 HP			
PV MODULES	320 Wp x 3			
STRUCTURE	Galvanized Iron			
STRUCTURE WEIGHT	180 kg	180 kg	250 kg	350 kg

Note : As per specifications by Nodal Agencies

Solar Drinking Water system named as Sajal Dhara, Panghat, Jal Minar, PeyJal Yojana in various regions of India is a concept for villages, NGOs, Schools-colleges.

Sunlight IEPL is one of the leading suppliers of this projects in all over india. We provide Structures in various tank capacities as per above provided table.



INSTALLATION

