

Solar Water Pump

Operating Conditions:

Max. Liquid Temp.	45 deg C
Water pH Value	6.5 - 8.0
Max. Quantity of Sand	50 gm/m ³
Pumped Liquid	Clean water free from solids, chemically natural & close to water characteristics.
Start/Hours	
	Max. 30 at regular interval

Specifications:

Power Range	1 - 10 HP
Standard as per	NEMA
Versions	230 V & 415 V in 3 Phase, A.C, 50 Hz, DOL / Star
Discharge Range	15300 - 810000 LPD
Head Range	7 - 100 mtrs.
Outlet Size	40, 50, 65, 75, 100 & 125 mm
Degree of Protection	IP 68
Max. OD Range	97.5 - 255 mm
Duty	S1
Input Watt Range	1200 - 9000 Wp

Material of Construction (Pump):

Discharge Chamber	Stainless Steel
Valve Sheet	NBR + Stainless Steel
Impeller	Stainless Steel
Diffuser	Stainless Steel
Pump Shaft	Stainless Steel
Suction Inter Connector	Stainless Steel
Coupling	Stainless Steel

Pump Casing	Stainless Steel
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Material of Construction (Motor):

Upper, Lower Housing & Motor Base	Stainless Steel / Cast Iron
Stator Shell	Stainless Steel
Shaft	Stainless Steel
Journal Bush	Carbon Bush / GM Bush
Thrust Bearing Set	SS 420 and Graphite Carbon

Applications:

- * Rural water supply from borewell
- * Domestic & agriculture supply
- * Farms & irrigation
- * Civil & industrial uses