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SolarSack™
 Unlimiting the Limited.....

Solar Pump

DC Pump

Model	Suction Head (m)	Shutoff Head (m)	Discharge LPD (10m head) @ 7.15 Kwh/sq. m	Discharge @ 5 Kwh/sq. m	Array Size (Wp)	Motor Rating (HP)	Motor Rated Voltage (V)	Rated Current (A)	Open Circuit Voltage (VOC)
SSSP30	7	12	90000	60000	900	1	>90	8.5	135
SSSP60	7	12	180000	120000	1800	2	>60	25	90
SSSP90	7	15	270000	180000	2700	3	>90	25	135

Note_1: Water Output figure are on a clear sunny day with 3 times tracking of SPV panel under "Average Daily Solar Radiation" condition of 7.15KWh/sq.m on the surface of the PV array (i.e. co-planar with PV module)

Note_2: Standard Test Conditions: AM = 1.5, E=1000W/m2, Cell Temperature : 25°C.

Advantages

- High Efficiency Permanent Magnet DC Motor
- Simple 2 Wire Design
- Direct Operation Through PV Array Without The Use Of Controller

- Easy To Install And Maintain
- High Discharge Suitable For Flood Irrigation Systems
- Robust Construction
- Brushes With Long Life And Easy To Replace

HP/KW	Array Size (Wp)	Voltage	Pump Type	Head	LPM
1HP	900	200	Submersible	6 to 10 meter	600 to 300 LPM
1HP	900	200	Submersible	15 to 45 meter	100 to 65 LPM
1HP	900	200	Submersible	15 to 60 meter	100 to 30 LPM