



# Solar Water Pumps

Complete Systems

5KW ~22KW

500 GPH ~ 31,000 GPH

A solar-powered water system is one of the easiest solar power systems to install, since it does not need a battery or battery charging equipment. When the sun is shining, the system is pumping, when the sun is not shining, the system is off—simple.

These can be used for:

- Drinking Water
- Cattle watering systems
- Farm Irrigation



*Shireen's solar irrigation site near Karachi, Pakistan*

Shireen Inc. offers wide range of Solar Powered water pumping systems.. These range in size from 1KW through 25KW. The flow rate varies from 500 Gallons/hr to 30,000 Gallons/hr, for large irrigation pumps.

All pumping systems are supplied as complete kits that include solar PV Panels, Mounting hardware, inverter/controller unit, submersible pump, water level sensor and necessary cabling.

## Multistage Solar Submersible Pumps

Model	Rated Voltage (3 Phase)	Pump Depth (m)	Flow Rate (m3/h)		Flow Rate Gallons/hr		Pipe Dia (inch)	Motor Power (kW)	Solar Panels (Wp)	Inverter & Controller (kVA)
			Min	Max	Min	Max				
SJ60-3	380V	40 -10	10	75	2640	19800	4"	5.5	6720	7.5
SJ42-3	380V	40 -13	5	60	1320	15840	3"	5.5	6720	7.5
SJ30-6	380V	67 -27	5	38	1320	10032	3"	5.5	6720	7.5
SJ17-8	380V	83 -36	4	22	1056	5808	2.5"	5.5	6720	7.5
SJ12-18	380V	120 -50	3	18	792	4752	2"	5.5	6720	7.5
SJ8-30	380V	162-67	2	11	528	2904	2"	5.5	6720	7.5
SJ8-37	380V	201 -82	2	11	528	2904	2"	5.5	6720	7.5
SJ75-2	380V	36-12	30	100	7920	26400	5"	7.5	8640	9.2
SJ60-4	380V	54 -17	10	75	2640	19800	4"	7.5	8640	9.2
SJ42-5	380V	66 -23	5	60	1320	15840	3"	7.5	8640	9.2
SJ17-13	380V	123 -55	4	22	1056	5808	2.5"	7.5	8640	9.2
SJ12-21	380V	130 -77	6	16	1584	4224	2"	7.5	8640	9.2
SJ12-25	380V	166 -69	3	18	792	4752	2"	7.5	8640	9.2
SJ8-50	380V	238 -147	5	10	1320	2640	2"	7.5	8640	9.2
SJ95-2	380V	34-12	50	110	13200	29040	4"	9.2	11200	11
SJ60-5	380V	65-28	20	70	5280	18480	4"	9.2	11200	11
SJ42-6	380V	78-45	10	60	2640	15840	3"	9.2	11200	11
SJ17-17	380V	173 -79	4	22	1056	5808	2.5"	9.2	11200	11
SJ75-3	380V	54-21	30	100	7920	26400	5"	11	12960	13
SJ60-6	380V	82 -26	10	75	2640	19800	4"	11	12960	13
SJ42-7	380V	92-32	10	60	2640	15840	3"	11	12960	13
SJ17-20	380V	204 -94	4	22	1056	5808	2.5"	11	12960	13
SJ95-3	380V	54-6	6	22	1584	5808	5"	13	15120	15
SJ60-8-2	380V	103-31	10	75	2640	19800	4"	13	15120	15
SJ17-24	380V	240-115	6	22	1584	5808	2.5"	13	15120	15
SJ42-8	380V	105-36	5	60	1320	15840	2.5"	13	15120	15
SJ30-17	380V	190 -77	5	38	1320	10032	3"	15	17920	20
SJ60-9-2	380V	117-36	10	75	2640	19800	4"	15	17920	20
SJ42-12	380V	146 -87	20	50	5280	13200	3"	18.5	21600	22
SJ30-21	380V	223 -90	5	38	1320	10032	3"	18.5	21600	22
SJ95-5	380V	90-14	40	120	10560	31680	5"	22	25920	25
SJ60-13	380V	180-59	10	75	2640	19800	4"	22	25920	25

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