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Bring solar energy, water and hope to your life

Pump Power (kw)	Pump Voltage	Inverter model	Solar Panel Specification	Solar Panel Array	Solar Panel quantity	Solar Panel Power(kw)
1.5	220V/single phase	SP1002	550W/Voc 50V/Vmp 41V	1 in parallel 8 in series	8	4.40
2.2	220V/single phase	SP1004	550W/Voc 50V/Vmp 41V	1 in parallel 8 in series	8	4.40
2.2	380V/3 phase	SP4004	550W/Voc 50V/Vmp 41V	1 in parallel 13 in series	13	7.15
2.2	380V/3 phase	SP4004	600W/Voc 50V/Vmp 41V	1 in parallel 13 in series	13	7.80
4.0	380V/3 phase	SP4005	550W/Voc 50V/Vmp 41V	1 in parallel 13 in series	13	7.15
4.0	380V/3 phase	SP4005	600W/Voc 50V/Vmp 41V	1 in parallel 13 in series	13	7.80
5.5	380V/3 phase	SP4007	550W/Voc 50V/Vmp 41V	1 in parallel 13 in series	13	7.15
5.5	380V/3 phase	SP4007	600W/Voc 50V/Vmp 41V	1 in parallel 13 in series	13	7.80
7.5	380V/3 phase	SP4011	550W/Voc 50V/Vmp 41V	2 in parallel 13 in series	26	14.30
7.5	380V/3 phase	SP4011	600W/Voc 50V/Vmp 41V	2 in parallel 13 in series	26	15.60
11.0	380V/3 phase	SP4015	550W/Voc 50V/Vmp 41V	2 in parallel 13 in series	26	14.30
11.0	380V/3 phase	SP4015	600W/Voc 50V/Vmp 41V	2 in parallel 13 in series	26	15.60
15.0	380V/3 phase	SP4018	550W/Voc 50V/Vmp 41V	3 in parallel 13 in series	39	21.45
15.0	380V/3 phase	SP4018	600W/Voc 50V/Vmp 41V	3 in parallel 13 in series	39	23.40
18.5	380V/3 phase	SP4022	550W/Voc 50V/Vmp 41V	3 in parallel 15 in series	45	24.75
18.5	380V/3 phase	SP4022	600W/Voc 50V/Vmp 41V	3 in parallel 14 in series	42	25.20
22.0	380V/3 phase	SP4030	550W/Voc 50V/Vmp 41V	4 in parallel 13 in series	52	28.60
22.0	380V/3 phase	SP4030	600W/Voc 50V/Vmp 41V	4 in parallel 12 in series	48	28.80
30.0	380V/3 phase	SP4037	550W/Voc 50V/Vmp 41V	5 in parallel 15 in series	75	41.25
30.0	380V/3 phase	SP4037	600W/Voc 50V/Vmp 41V	5 in parallel 13 in series	65	39.00
37.0	380V/3 phase	SP4045	550W/Voc 50V/Vmp 41V	6 in parallel 15 in series	90	49.50
37.0	380V/3 phase	SP4045	600W/Voc 50V/Vmp 41V	6 in parallel 14 in series	84	50.40
45.0	380V/3 phase	SP4055	550W/Voc 50V/Vmp 41V	7 in parallel 16 in series	112	61.60
45.0	380V/3 phase	SP4055	600W/Voc 50V/Vmp 41V	7 in parallel 14 in series	98	58.80

1.If the cable between inverter and pump, is longer than 50m, we suggest to add filter into cable or make inverter power 2 level higher than pump power.

2.If inverter work in high temperature like desert, we suggest to make inverter power 2 level higher than pump power.