



SOLARTECH SOLAR PUMPS

PB-G3 SMART PRO

Features

Hybrid AC Power with Solar Priority

Built-in Remote Monitor Module

Support Multi-linkage System

IP65, Full Protection

0.37KW to 22KW AC **SOLAR PUMP**

MAX HEAD 250m | WATER FLOW 1100 m³/d

SUPPORT HYBRID WITH GRID OR DIESEL POWER





Solartech Solar Pumps Specifications

Solar Pump Model	Pump Spec.	Pump Power	Water Head	Daily Water Supply	Inlet Dia.	Adapting Well Dia.	Max. DC Input Voltage	Recommended MPP Voltage
SPA4370010-4	3PH 220V 50Hz	0.37 kW	47 - 32 m	1 - 10 m ³	1"	125 mm	450 V	150 - 360 V
SPA4550010-4	3PH 220V 50Hz	0.55 kW	70 - 48 m	1 - 10 m ³	1"	125 mm	450 V	150 - 360 V
SPA4750010-4	3PH 220V 50Hz	0.75 kW	81 - 56 m	1 - 10 m ³	1"	125 mm	450 V	150 - 360 V
SPA41K1010-4	3PH 220V 50Hz	1.1 kW	93 - 63 m	1 - 10 m ³	1"	125 mm	450 V	150 - 360 V
SPA41K5010-4	3PH 220V 50Hz	1.5 kW	128 - 87 m	1 - 10 m ³	1"	125 mm	450 V	150 - 360 V
SPA4370020-4	3PH 220V 50Hz	0.37 kW	29 - 20 m	10 - 20 m ³	1"1/4	125 mm	450 V	150 - 360 V
SPA4550020-4	3PH 220V 50Hz	0.55 kW	40 - 28 m	10 - 20 m ³	1"1/4	125 mm	450 V	150 - 360 V
SPA4750020-4	3PH 220V 50Hz	0.75 kW	60 - 41 m	10 - 20 m ³	1"1/4	125 mm	450 V	150 - 360 V
SPA41K1020-4	3PH 220V 50Hz	1.1 kW	79 - 54 m	10 - 20 m ³	1"1/4	125 mm	450 V	150 - 360 V
SPA41K5020-4	3PH 220V 50Hz	1.5 kW	99 - 68 m	10 - 20 m ³	1"1/4	125 mm	450 V	150 - 360 V
SPA4550040-4	3PH 220V 50Hz	0.55 kW	23 - 15 m	20 - 40 m ³	1"1/2	125 mm	450 V	150 - 360 V
SPA4750040-4	3PH 220V 50Hz	0.75 kW	29 - 19 m	20 - 40 m ³	1"1/2	125 mm	450 V	150 - 360 V
SPA41K1040-4	3PH 220V 50Hz	1.1 kW	43 - 27 m	20 - 40 m ³	1"1/2	125 mm	450 V	150 - 360 V
SPA41K5040-4	3PH 220V 50Hz	1.5 kW	51 - 33 m	20 - 40 m ³	1"1/2	125 mm	450 V	150 - 360 V
SPA41K5041-4	3PH 220V 50Hz	1.5 kW	60 - 39 m	20 - 40 m ³	1"1/2	125 mm	450 V	150 - 360 V
SPA4750060-4	3PH 220V 50Hz	0.75 kW	15 - 8 m	40 - 60 m ³	2"	125 mm	450 V	150 - 360 V
SPA41K1060-4	3PH 220V 50Hz	1.1 kW	23 - 12 m	40 - 60 m ³	2"	125 mm	450 V	150 - 360 V
SPA41K5060-4	3PH 220V 50Hz	1.5 kW	29 - 15 m	40 - 60 m ³	2"	125 mm	450 V	150 - 360 V
SPA4750100-4	3PH 220V 50Hz	0.75 kW	7 - 5 m	60 - 100 m ³	2"	125 mm	450 V	150 - 360 V
SPA41K1100-4	3PH 220V 50Hz	1.1 kW	12 - 8 m	60 - 100 m ³	2"	125 mm	450 V	150 - 360 V
SPA41K5130-4	3PH 220V 50Hz	1.5 kW	10 - 7 m	100 - 130 m ³	2"	125 mm	450 V	150 - 360 V
SPB41K5020-4	3PH 220V 50Hz	1.5 kW	121 - 78 m	13 - 23 m ³	1"1/4	125 mm	450 V	150 - 360 V
SPB41K5040-4	3PH 220V 50Hz	1.5 kW	84 - 58 m	23 - 40 m ³	1"1/2	125 mm	450 V	150 - 360 V
SPA61K5100-4	3PH 220V 50Hz	1.5 kW	20 - 12 m	60 - 100 m ³	2"1/2	200 mm	450 V	150 - 360 V
SPA42K2010-4	3PH 380V 50Hz	2.2 kW	163 - 111 m	1 - 10 m ³	1"	125 mm	850 V	500 - 700 V
SPA42K2020-4	3PH 380V 50Hz	2.2 kW	145 - 90 m	10 - 20 m ³	1"1/4	125 mm	850 V	500 - 700 V
SPA43K0020-4	3PH 380V 50Hz	3 kW	187 - 114 m	10 - 20 m ³	1"1/4	125 mm	850 V	500 - 700 V
SPA44K0020-4	3PH 380V 50Hz	4 kW	225 - 149 m	10 - 20 m ³	1"1/4	125 mm	850 V	500 - 700 V



Solartech Solar Pumps Specifications

Solar Pump Model	Pump Spec.	Pump Power	Water Head	Daily Water Supply	Inlet Dia.	Adapting Well Dia.	Max. DC Input Voltage	Recommended MPP Voltage
SPA42K2040-4	3PH 380V 50Hz	2.2 kW	79 - 51 m	20 - 40 m ³	1"1/2	125 mm	850 V	500-700V
SPA43K0040-4	3PH 380V 50Hz	3 kW	105 - 65 m	20 - 40 m ³	1"1/2	125 mm	850 V	500-700V
SPA44K0040-4	3PH 380V 50Hz	4 kW	145 - 89 m	20 - 40 m ³	1"1/2	125 mm	850 V	500-700V
SPA45K5040-4	3PH 380V 50Hz	5.5 kW	172 - 111 m	20 - 40 m ³	1"1/2	125 mm	850 V	500-700V
SPA47K5040-4	3PH 380V 50Hz	7.5 kW	237 - 147 m	20 - 40 m ³	1"1/2	125 mm	850 V	500-700V
SPA42K2060-4	3PH 380V 50Hz	2.2 kW	50 - 27 m	40 - 60 m ³	2"	125 mm	850 V	500-700V
SPA43K0060-4	3PH 380V 50Hz	3 kW	67 - 37 m	40 - 60 m ³	2"	125 mm	850 V	500-700V
SPA43K0061-4	3PH 380V 50Hz	3 kW	79 - 43 m	40 - 60 m ³	2"	125 mm	850 V	500-700V
SPA44K0060-4	3PH 380V 50Hz	4 kW	94 - 55 m	40 - 60 m ³	2"	125 mm	850 V	500-700V
SPA45K5060-4	3PH 380V 50Hz	5.5 kW	113 - 62 m	40 - 60 m ³	2"	125 mm	850 V	500-700V
SPA47K5060-4	3PH 380V 50Hz	7.5 kW	137 - 75 m	40 - 60 m ³	2"	125 mm	850 V	500-700V
SPA44K0100-4	3PH 380V 50Hz	4 kW	50 - 32 m	60 - 100 m ³	2"	125 mm	850 V	500-700V
SPA45K5100-4	3PH 380V 50Hz	5.5 kW	67 - 44 m	60 - 100 m ³	2"	125 mm	850 V	500-700V
SPA47K5100-4	3PH 380V 50Hz	7.5 kW	87 - 57 m	60 - 100 m ³	2"	125 mm	850 V	500-700V
SPA42K2130-4	3PH 380V 50Hz	2.2 kW	17 - 12 m	100 - 130 m ³	2"	125 mm	850 V	500-700V
SPB42K2020-4	3PH 380V 50Hz	2.2 kW	166 - 100 m	13 - 23 m ³	1"1/4	125 mm	850 V	500-700V
SPB42K2040-4	3PH 380V 50Hz	2.2 kW	123 - 82 m	23 - 40 m ³	1"1/2	125 mm	850 V	500-700V
SPB42K2070-4	3PH 380V 50Hz	2.2 kW	60 - 39 m	40 - 70 m ³	2"	125 mm	850 V	500-700V
SPB42K2100-4	3PH 380V 50Hz	2.2 kW	36 - 28 m	70 - 100 m ³	2"	125 mm	850 V	500-700V
SPB43K0020-4	3PH 380V 50Hz	3 kW	235 - 149 m	13 - 23 m ³	1"1/4	125 mm	850 V	500-700V
SPB43K0070-4	3PH 380V 50Hz	3 kW	89 - 59 m	40 - 70 m ³	2"	125 mm	850 V	500-700V
SPB43K0100-4	3PH 380V 50Hz	3 kW	51 - 41 m	70 - 100 m ³	2"	125 mm	850 V	500-700V
SPB44K0040-4	3PH 380V 50Hz	4 kW	188 - 128 m	23 - 40 m ³	1"1/2	125 mm	850 V	500-700V
SPB44K0070-4	3PH 380V 50Hz	4 kW	119 - 79 m	40 - 70 m ³	2"	125 mm	850 V	500-700V
SPB45K5040-4	3PH 380V 50Hz	5.5 kW	254 - 169 m	23 - 40 m ³	1"1/2	125 mm	850 V	500-700V
SPB45K5070-4	3PH 380V 50Hz	5.5 kW	175 - 117 m	40 - 70 m ³	2"	125 mm	850 V	500-700V
SPB45K5100-4	3PH 380V 50Hz	5.5 kW	76 - 59 m	70 - 100 m ³	2"	125 mm	850 V	500-700V
SPB47K5070-4	3PH 380V 50Hz	7.5 kW	217 - 143 m	40 - 70 m ³	2"	125 mm	850 V	500-700V



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SPB47K5100-4	3PH 380V 50Hz	7.5 kW	107 - 83 m	70 - 100 m ³	2"	125 mm	850 V	500-700V
SPA62K2100-4	3PH 380V 50Hz	2.2 kW	30 - 18 m	60 - 100 m ³	2"1/2	200 mm	850 V	500-700V
SPA63K0100-4	3PH 380V 50Hz	3 kW	40 - 24 m	60 - 100 m ³	2"1/2	200 mm	850 V	500-700V
SPA64K0100-4	3PH 380V 50Hz	4 kW	56 - 36 m	60 - 100 m ³	2"1/2	200 mm	850 V	500-700V
SPA65K5100-4	3PH 380V 50Hz	5.5 kW	75 - 48 m	60 - 100 m ³	2"1/2	200 mm	850 V	500-700V
SPA67K5100-4	3PH 380V 50Hz	7.5 kW	114 - 67 m	60 - 100 m ³	2"1/2	200 mm	850 V	500-700V
SPA69K2100-4	3PH 380V 50Hz	9.2 kW	140 -85 m	40 - 100 m ³	2"1/2	200 mm	850 V	500-700V
SPA611K100-4	3PH 380V 50Hz	11 kW	159 - 97 m	40 - 100 m ³	2"1/2	200 mm	850 V	500-700V
SPA613K100-4	3PH 380V 50Hz	13 kW	189 - 115 m	40 - 100 m ³	2"1/2	200 mm	850 V	500-700V
SPA615K100-4	3PH 380V 50Hz	15 kW	208 -127 m	40 - 100 m ³	2"1/2	200 mm	850 V	500-700V
SPA63K0130-4	3PH 380V 50Hz	3 kW	23 - 16 m	100 - 130 m ³	2"1/2	200 mm	850 V	500-700V
SPA64K0130-4	3PH 380V 50Hz	4 kW	30 - 22 m	100 - 130 m ³	2"1/2	200 mm	850 V	500-700V
SPA64K0131-4	3PH 380V 50Hz	4 kW	37 - 27 m	100 - 130 m ³	2"1/2	200 mm	850 V	500-700V
SPA65K5130-4	3PH 380V 50Hz	5.5 kW	53 - 39 m	100 - 130 m ³	2"1/2	200 mm	850 V	500-700V
SPA67K5130-4	3PH 380V 50Hz	7.5 kW	67 - 50 m	100 - 130 m ³	2"1/2	200 mm	850 V	500-700V
SPA69K2130-4	3PH 380V 50Hz	9.2 kW	83 - 60 m	100 - 130 m ³	2"1/2	200 mm	850 V	500-700V
SPA611K130-4	3PH 380V 50Hz	11 kW	105 - 77 m	100 - 130 m ³	2"1/2	200 mm	850 V	500-700V
SPA613K130-4	3PH 380V 50Hz	13 kW	120 - 88 m	100 - 130 m ³	2"1/2	200 mm	850 V	500-700V
SPA615K130-4	3PH 380V 50Hz	15 kW	135 - 99 m	100 - 130 m ³	2"1/2	200 mm	850 V	500-700V
SPA618K130-4	3PH 380V 50Hz	18.5 kW	143 - 109 m	100 - 130 m ³	2"1/2	200 mm	850 V	500-700V
SPA63K0250-4	3PH 380V 50Hz	3 kW	18 - 9 m	130 - 250 m ³	3"	200 mm	850 V	500-700V
SPA64K0250-4	3PH 380V 50Hz	4 kW	26 - 13 m	130 - 250 m ³	3"	200 mm	850 V	500-700V
SPA65K5250-4	3PH 380V 50Hz	5.5 kW	35 - 21 m	130 - 250 m ³	3"	200 mm	850 V	500-700V
SPA67K5250-4	3PH 380V 50Hz	7.5 kW	44 - 25 m	130 - 250 m ³	3"	200 mm	850 V	500-700V
SPA67K5251-4	3PH 380V 50Hz	7.5 kW	52 - 30 m	130 - 250 m ³	3"	200 mm	850 V	500-700V
SPA69K2250-4	3PH 380V 50Hz	9.2 kW	62 - 40 m	130 - 250 m ³	3"	200 mm	850 V	500-700V
SPA611K250-4	3PH 380V 50Hz	11 kW	72 - 46 m	130 - 250 m ³	3"	200 mm	850 V	500-700V
SPA613K250-4	3PH 380V 50Hz	13 kW	81 - 52 m	130 - 250 m ³	3"	200 mm	850 V	500-700V

Solartech Solar Pumps Specifications

Solar Pump Model	Pump Spec.	Pump Power	Water Head	Daily Water Supply	Inlet Dia.	Adapting Well Dia.	Max. DC Input Voltage	Recommended MPP Voltage
SPA615K250-4	3PH 380V 50Hz	15 kW	88 - 58 m	130 - 250 m ³	3"	200 mm	850 V	500-700V
SPA618K250-4	3PH 380V 50Hz	18.5 kW	101 - 63 m	130 - 250 m ³	3"	200 mm	850 V	500-700V
SPB62K2180-4	3PH 380V 50Hz	2.2 kW	25 - 14 m	100 - 180 m ³	3"	200 mm	850 V	500-700V
SPB63K0180-4	3PH 380V 50Hz	3 kW	42 - 23 m	100 - 180 m ³	3"	200 mm	850 V	500-700V
SPB64K0180-4	3PH 380V 50Hz	4 kW	59 - 33 m	100 - 180 m ³	3"	200 mm	850 V	500-700V
SPB65K5180-4	3PH 380V 50Hz	5.5 kW	77 - 44 m	100 - 180 m ³	3"	200 mm	850 V	500-700V
SPB67K5180-4	3PH 380V 50Hz	7.5 kW	100 - 56 m	100 - 180 m ³	3"	200 mm	850 V	500-700V
SPB69K2180-4	3PH 380V 50Hz	9.2 kW	125 - 70 m	100 - 180 m ³	3"	200 mm	850 V	500-700V
SPB611K180-4	3PH 380V 50Hz	11 kW	150 - 83 m	100 - 180 m ³	3"	200 mm	850 V	500-700V
SPB613K180-4	3PH 380V 50Hz	13 kW	177 - 100 m	100 - 180 m ³	3"	200 mm	850 V	500-700V
SPB615K180-4	3PH 380V 50Hz	15 kW	202 - 113 m	100 - 180 m ³	3"	200 mm	850 V	500-700V
SPB618K180-4	3PH 380V 50Hz	18.5 kW	254 - 144 m	100 - 180 m ³	3"	200 mm	850 V	500-700V
SPB65K5160-4	3PH 380V 50Hz	5.5 kW	79 - 43 m	80 - 160 m ³	2"1/2	200-250 mm	850 V	500-700V
SPB67K5160-4	3PH 380V 50Hz	7.5 kW	105 - 56 m	80 - 160 m ³	2"1/2	200-250 mm	850 V	500-700V
SPB69K2160-4	3PH 380V 50Hz	9.2 kW	124 - 68 m	80 - 160 m ³	2"1/2	200-250 mm	850 V	500-700V
SPB69K2160A-4	3PH 380V 50Hz	9.2 kW	148 - 80 m	80 - 160 m ³	2"1/2	200-250 mm	850 V	500-700V
SPB611K160-4	3PH 380V 50Hz	11 kW	175 - 96 m	80 - 160 m ³	2"1/2	200-250 mm	850 V	500-700V
SPB613K160-4	3PH 380V 50Hz	13 kW	201 - 109 m	80 - 160 m ³	2"1/2	200-250 mm	850 V	500-700V
SPB615K160-4	3PH 380V 50Hz	15 kW	227 - 123 m	80 - 160 m ³	2"1/2	200-250 mm	850 V	500-700V
SPB67K5260-4	3PH 380V 50Hz	7.5 kW	59 - 37 m	160 - 260 m ³	3"	200-250 mm	850 V	500-700V
SPB69K2260-4	3PH 380V 50Hz	9.2 kW	84 - 53 m	160 - 260 m ³	3"	200-250 mm	850 V	500-700V
SPB611K260-4	3PH 380V 50Hz	11 kW	108 - 69 m	160 - 260 m ³	3"	200-250 mm	850 V	500-700V
SPB615K260-4	3PH 380V 50Hz	15 kW	134 - 85 m	160 - 260 m ³	3"	200-250 mm	850 V	500-700V
SPB618K260-4	3PH 380V 50Hz	18.5 kW	158 - 100 m	160 - 260 m ³	3"	200-250 mm	850 V	500-700V
SPB67K5450-4	3PH 380V 50Hz	7.5 kW	35 - 18 m	260 - 450 m ³	3"	200-250 mm	850 V	500-700V
SPB611K450-4	3PH 380V 50Hz	11 kW	61 - 31 m	260 - 450 m ³	3"	200-250 mm	850 V	500-700V
SPB615K450-4	3PH 380V 50Hz	15 kW	85 - 44 m	260 - 450 m ³	3"	200-250 mm	850 V	500-700V
SPB65K5550-4	3PH 380V 50Hz	5.5 kW	22 - 13 m	350 - 550 m ³	4"	200-250 mm	850 V	500-700V

Solartech Solar Pumps Specifications

Solar Pump Model	Pump Spec.	Pump Power	Water Head	Daily Water Supply	Inlet Dia.	Adapting Well Dia.	Max. DC Input Voltage	Recommended MPP Voltage
SPB69K2550-4	3PH 380V 50Hz	9.2 kW	37 - 22 m	350 - 550 m ³	4"	200-250 mm	850 V	500-700V
SPB613K550-4	3PH 380V 50Hz	13 kW	52 - 30 m	350 - 550 m ³	4"	200-250 mm	850 V	500-700V
SPB615K550-4	3PH 380V 50Hz	15 kW	64 - 38 m	350 - 550 m ³	4"	200-250 mm	850 V	500-700V
SPB618K550-4	3PH 380V 50Hz	18.5 kW	75 - 45 m	350 - 550 m ³	4"	200-250 mm	850 V	500-700V
SPB87K5700-4	3PH 380V 50Hz	7.5 kW	26 - 16 m	450 - 700 m ³	5"	250-300 mm	850 V	500-700V
SPB815K700-4	3PH 380V 50Hz	15 kW	53 - 33 m	450 - 700 m ³	5"	250-300 mm	850 V	500-700V
SPB1013K1100-4	3PH 380V 50Hz	13 kW	22 - 18 m	700 - 1100 m ³	6"	300-350 mm	850 V	500-700V

Remark: more product models can be provided according to actual requirements.