



# AC Solar Pump Kit PB-G3 Smart Pro Series

- ✓ 99% MPPT efficiency
- ✓ Fully automatic operation
- ✓ 98% conversion efficiency of the inverter
- ✓ Soft start of pump
- ✓ Full motor protections
- ✓ IP65 Protection grade of the inverter
- ✓ Dual dry running protection
- ✓ Wide input voltage range

## Advance Function

- ✓ Multi-pump linkage system
- ✓ Optional built-in remote monitoring
- ✓ Optional Pay & Go function module
- ✓ Hybrid grid power input and solar priority
- ✓ Backed-up with fuel generator with self-starting or stop function



## Product Specification

Solar Pump Model	Pump Spec.	Pump Power	Water Head	Daily Water Flow	Outlet Dia.	Adapting Well Dia.	Max. Open Circuit Voltage	Recommended MPP Voltage
SPB42K2020-4	3PH 380V 50Hz	2.2kW	166 - 100m	13 - 23m <sup>3</sup>	30mm 1"1/4	125mm	850VDC	500 - 700VDC
SPB42K2040-4	3PH 380V 50Hz	2.2kW	123 - 82m	23 - 40m <sup>3</sup>	40mm 1"1/2	125mm	850VDC	500 - 700VDC
SPB42K2070-4	3PH 380V 50Hz	2.2kW	60 - 39m	40 - 70m <sup>3</sup>	50mm 2"	125mm	850VDC	500 - 700VDC
SPB42K2100-4	3PH 380V 50Hz	2.2kW	36 - 28m	70 - 100m <sup>3</sup>	50mm 2"	125mm	850VDC	500 - 700VDC
SPB62K2180-4	3PH 380V 50Hz	2.2kW	25 - 14m	100 - 180m <sup>3</sup>	75mm 3"	200 - 250mm	850VDC	500 - 700VDC
SPB43K0020-4	3PH 380V 50Hz	3kW	235 - 149m	13 - 23m <sup>3</sup>	30mm 1"1/4	125mm	850VDC	500 - 700VDC
SPB43K0070-4	3PH 380V 50Hz	3kW	89 - 59m	40 - 70m <sup>3</sup>	50mm 2"	125mm	850VDC	500 - 700VDC
SPB43K0100-4	3PH 380V 50Hz	3kW	51 - 41m	70 - 100m <sup>3</sup>	50mm 2"	125mm	850VDC	500 - 700VDC
SPB63K0180-4	3PH 380V 50Hz	3kW	42 - 23m	100 - 180m <sup>3</sup>	75mm 3"	200 - 250mm	850VDC	500 - 700VDC
SPB44K0040-4	3PH 380V 50Hz	4kW	188 - 128m	23 - 40m <sup>3</sup>	40mm 1"1/2	125mm	850VDC	500 - 700VDC
SPB44K0070-4	3PH 380V 50Hz	4kW	119 - 79m	40 - 70m <sup>3</sup>	50mm 2"	125mm	850VDC	500 - 700VDC
SPB64K0180-4	3PH 380V 50Hz	4kW	59 - 33m	100 - 180m <sup>3</sup>	75mm 3"	200 - 250mm	850VDC	500 - 700VDC
SPB45K5040-4	3PH 380V 50Hz	5.5kW	254 - 169m	23 - 40m <sup>3</sup>	40mm 1"1/2	125mm	850VDC	500 - 700VDC
SPB45K5070-4	3PH 380V 50Hz	5.5kW	175 - 117m	40 - 70m <sup>3</sup>	50mm 2"	125mm	850VDC	500 - 700VDC
SPB45K5100-4	3PH 380V 50Hz	5.5kW	76 - 59m	70 - 100m <sup>3</sup>	50mm 2"	125mm	850VDC	500 - 700VDC
SPB65K5160-4	3PH 380V 50Hz	5.5kW	79 - 43m	80 - 160m <sup>3</sup>	65mm 2"1/2	200 - 250mm	850VDC	500 - 700VDC
SPB65K5180-4	3PH 380V 50Hz	5.5kW	77 - 44m	100 - 180m <sup>3</sup>	75mm 3"	200 - 250mm	850VDC	500 - 700VDC
SPB65K5550-4	3PH 380V 50Hz	5.5kW	22 - 13m	350 - 550m <sup>3</sup>	100mm 4"	200 - 250mm	850VDC	500 - 700VDC
SPB47K5070-4	3PH 380V 50Hz	7.5kW	217 - 143m	40 - 70m <sup>3</sup>	50mm 2"	125mm	850VDC	500 - 700VDC
SPB47K5100-4	3PH 380V 50Hz	7.5kW	107 - 83m	70 - 100m <sup>3</sup>	50mm 2"	125mm	850VDC	500 - 700VDC
SPB67K5160-4	3PH 380V 50Hz	7.5kW	105 - 56m	80 - 160m <sup>3</sup>	65mm 2"1/2	200 - 250mm	850VDC	500 - 700VDC
SPB67K5180-4	3PH 380V 50Hz	7.5kW	100 - 56m	100 - 180m <sup>3</sup>	75mm 3"	200 - 250mm	850VDC	500 - 700VDC
SPB67K5260-4	3PH 380V 50Hz	7.5kW	59 - 37m	160 - 260m <sup>3</sup>	75mm 3"	200 - 250mm	850VDC	500 - 700VDC
SPB67K5450-4	3PH 380V 50Hz	7.5kW	35 - 18m	260 - 450m <sup>3</sup>	75mm 3"	200 - 250mm	850VDC	500 - 700VDC
SPB87K5700-4	3PH 380V 50Hz	7.5kW	26 - 16m	450 - 700m <sup>3</sup>	125mm 5"	250 - 300mm	850VDC	500 - 700VDC
SPB69K2160-4	3PH 380V 50Hz	9.2kW	124 - 68m	80 - 160m <sup>3</sup>	65mm 2"1/2	200 - 250mm	850VDC	500 - 700VDC
SPB69K2160A-4	3PH 380V 50Hz	9.2kW	148 - 80m	80 - 160m <sup>3</sup>	65mm 2"1/2	200 - 250mm	850VDC	500 - 700VDC



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SPB69K2180-4	3PH 380V 50Hz	9.2kW	125 - 70m	100 - 180m <sup>3</sup>	75mm 3"	200 - 250mm	850VDC	500 - 700VDC
SPB69K2260-4	3PH 380V 50Hz	9.2kW	84 - 53m	160 - 260m <sup>3</sup>	75mm 3"	200 - 250mm	850VDC	500 - 700VDC
SPB69K2550-4	3PH 380V 50Hz	9.2kW	37 - 22m	350 - 550m <sup>3</sup>	100mm 4"	200 - 250mm	850VDC	500 - 700VDC
SPB611K160-4	3PH 380V 50Hz	11kW	175 - 96m	80 - 160m <sup>3</sup>	65mm 2"1/2	200 - 250mm	850VDC	500 - 700VDC
SPB611K180-4	3PH 380V 50Hz	11kW	150 - 83m	100 - 180m <sup>3</sup>	75mm 3"	200 - 250mm	850VDC	500 - 700VDC
SPB611K260-4	3PH 380V 50Hz	11kW	108 - 69m	160 - 260m <sup>3</sup>	75mm 3"	200 - 250mm	850VDC	500 - 700VDC
SPB611K450-4	3PH 380V 50Hz	11kW	61 - 31m	260 - 450m <sup>3</sup>	75mm 3"	200 - 250mm	850VDC	500 - 700VDC
SPB613K160-4	3PH 380V 50Hz	13kW	201 - 109m	80 - 160m <sup>3</sup>	65mm 2"1/2	200 - 250mm	850VDC	500 - 700VDC
SPB613K180-4	3PH 380V 50Hz	13kW	177 - 100m	100 - 180m <sup>3</sup>	75mm 3"	200 - 250mm	850VDC	500 - 700VDC
SPB613K550-4	3PH 380V 50Hz	13kW	52 - 30m	350 - 550m <sup>3</sup>	100mm 4"	200 - 250mm	850VDC	500 - 700VDC
SPB1013K1100-4	3PH 380V 50Hz	13kW	22 - 18m	700 - 1100m <sup>3</sup>	150mm 6"	300 - 350mm	850VDC	500 - 700VDC
SPB615K160-4	3PH 380V 50Hz	15kW	227 - 123m	80 - 160m <sup>3</sup>	65mm 2"1/2	200 - 250mm	850VDC	500 - 700VDC
SPB615K180-4	3PH 380V 50Hz	15kW	202 - 113m	100 - 180m <sup>3</sup>	75mm 3"	200 - 250mm	850VDC	500 - 700VDC
SPB615K260-4	3PH 380V 50Hz	15kW	134 - 85m	160 - 260m <sup>3</sup>	75mm 3"	200 - 250mm	850VDC	500 - 700VDC
SPB615K450-4	3PH 380V 50Hz	15kW	85 - 44m	260 - 450m <sup>3</sup>	75mm 3"	200 - 250mm	850VDC	500 - 700VDC
SPB615K550-4	3PH 380V 50Hz	15kW	64 - 38m	350 - 550m <sup>3</sup>	100mm 4"	200 - 250mm	850VDC	500 - 700VDC
SPB815K700-4	3PH 380V 50Hz	15kW	53 - 33m	450 - 700m <sup>3</sup>	125mm 5"	250 - 300mm	850VDC	500 - 700VDC
SPB618K180-4	3PH 380V 50Hz	18.5kW	254 - 144m	100 - 180m <sup>3</sup>	75mm 3"	200 - 250mm	850VDC	500 - 700VDC
SPB618K260-4	3PH 380V 50Hz	18.5kW	158 - 100m	160 - 260m <sup>3</sup>	75mm 3"	200-250mm	850VDC	500 - 700VDC
SPB618K550-4	3PH 380V 50Hz	18.5kW	75 - 45m	350 - 550m <sup>3</sup>	100mm 4"	200 - 250mm	850VDC	500 - 700VDC
SPB622K180-4	3PH 380V 50Hz	22kW	306 - 175m	100 - 180m <sup>3</sup>	75mm 3"	200 - 250mm	780VDC	500 - 600VDC
SPB622K260-4	3PH 380V 50Hz	22kW	184 - 116m	160 - 260m <sup>3</sup>	75mm 3"	200 - 250mm	780VDC	500 - 600VDC
SPB622K260A-4	3PH 380V 50Hz	22kW	209 - 132m	160 - 260m <sup>3</sup>	75mm 3"	200 - 250mm	780VDC	500 - 600VDC
SPB622K450-4	3PH 380V 50Hz	22kW	111 - 57m	260 - 450m <sup>3</sup>	75mm 3"	200 - 250mm	780VDC	500 - 600VDC
SPB622K550-4	3PH 380V 50Hz	22kW	96 - 57m	350 - 550m <sup>3</sup>	100mm 4"	200 - 250mm	780VDC	500 - 600VDC
SPB822K700-4	3PH 380V 50Hz	22kW	80 - 50m	450 - 700m <sup>3</sup>	125mm 5"	250 - 300mm	780VDC	500 - 600VDC
SPB1022K1100-4	3PH 380V 50Hz	22kW	39 - 32m	700 - 1100m <sup>3</sup>	150mm 6"	300 - 350mm	780VDC	500 - 600VDC



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SPB625K450-4	3PH 380V 50Hz	25kW	137 - 70m	260 - 450m <sup>3</sup>	75mm 3"	200 - 250mm	780VDC	500 - 600VDC
SPB625K550-4	3PH 380V 50Hz	25kW	118 - 69m	350 - 550m <sup>3</sup>	100mm 4"	200 - 250mm	780VDC	500 - 600VDC
SPB626K180-4	3PH 380V 50Hz	26kW	362 - 204m	100 - 180m <sup>3</sup>	75mm 3"	200 - 250mm	780VDC	500 - 600VDC
SPB630K450-4	3PH 380V 50Hz	30kW	162 - 83m	260 - 450m <sup>3</sup>	75mm 3"	200 - 250mm	780VDC	500 - 600VDC
SPB630K550-4	3PH 380V 50Hz	30kW	147 - 87m	350 - 550m <sup>3</sup>	100mm 4"	200 - 250mm	780VDC	500 - 600VDC
SPB830K700-4	3PH 380V 50Hz	30kW	110 - 70m	450 - 700m <sup>3</sup>	125mm 5"	250 - 300mm	780VDC	500 - 600VDC
SPB1030K1100-4	3PH 380V 50Hz	30kW	54 - 44m	700 - 1100m <sup>3</sup>	150mm 6"	300 - 350mm	780VDC	500 - 600VDC
SPB1230K1400-4	3PH 380V 50Hz	30kW	33 - 29m	1100 - 1400m <sup>3</sup>	150mm 6"	350 - 400mm	780VDC	500 - 600VDC
SPB637K450-4	3PH 380V 50Hz	37kW	188 - 97m	260 - 450m <sup>3</sup>	75mm 3"	200 - 250mm	780VDC	500 - 600VDC
SPB637K550-4	3PH 380V 50Hz	37kW	172 - 102m	350 - 550m <sup>3</sup>	100mm 4"	200 - 250mm	780VDC	500 - 600VDC
SPB837K700-4	3PH 380V 50Hz	37kW	139 - 89m	450 - 700m <sup>3</sup>	125mm 5"	250 - 300mm	780VDC	500 - 600VDC
SPB1037K1100-4	3PH 380V 50Hz	37kW	68 - 56m	700 - 1100m <sup>3</sup>	150mm 6"	300 - 350mm	780VDC	500 - 600VDC
SPB1237K1400-4	3PH 380V 50Hz	37kW	40 - 34m	1100 - 1400 m <sup>3</sup>	150mm 6"	350 - 400mm	780VDC	500 - 600VDC
SPB1245K1400-4	3PH 380V 50Hz	45kW	47 - 41m	1100 - 1400m <sup>3</sup>	150mm 6"	350 - 400mm	780VDC	500 - 600VDC

