Solartech®



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

" Solar and Water, a Better Future "

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 - 23m³	30mm 1"1/4	125mm	850VDC	500 - 700VDC
SPB42K2040-4	3PH 380V 50Hz	2.2kW	123 - 82m	23 - 40m³	40mm 1"1/2	125mm	850VDC	500 - 700VDC
SPB42K2070-4	3PH 380V 50Hz	2.2kW	60 - 39m	40 - 70m³	50mm 2"	125mm	850VDC	500 - 700VDC
SPB42K2100-4	3PH 380V 50Hz	2.2kW	36 - 28m	70 - 100m³	50mm 2"	125mm	850VDC	500 - 700VDC
SPB43K0020-4	3PH 380V 50Hz	3kW	235 - 149m	13 - 23m³	30mm 1"1/4	125mm	850VDC	500 - 700VDC
SPB43K0070-4	3PH 380V 50Hz	3kW	89 - 59m	40 - 70m³	50mm 2"	125mm	850VDC	500 - 700VDC
SPB43K0100-4	3PH 380V 50Hz	3kW	51 - 41m	70 - 100m³	50mm 2"	125mm	850VDC	500 - 700VDC
SPB44K0040-4	3PH 380V 50Hz	4kW	188 - 128m	23 - 40m³	40mm 1"1/2	125mm	850VDC	500 - 700VDC
SPB44K0070-4	3PH 380V 50Hz	4kW	119 - 79m	40 - 70m³	50mm 2"	125mm	850VDC	500 - 700VDC
SPB45K5040-4	3PH 380V 50Hz	5.5kW	254 - 169m	23 - 40m³	40mm 1"1/2	125mm	850VDC	500 - 700VDC
SPB45K5070-4	3PH 380V 50Hz	5.5kW	175 - 117m	40 - 70m³	50mm 2"	125mm	850VDC	500 - 700VDC
SPB45K5100-4	3PH 380V 50Hz	5.5kW	76 - 59m	70 - 100m³	50mm 2"	125mm	850VDC	500 - 700VDC
SPB47K5070-4	3PH 380V 50Hz	7.5kW	217 - 143m	40 - 70m³	50mm 2"	125mm	850VDC	500 - 700VDC
SPB47K5100-4	3PH 380V 50Hz	7.5kW	107 - 83m	70 - 100m³	50mm 2"	125mm	850VDC	500 - 700VDC

