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
SPB87K5700-4	3PH 380V 50Hz	7.5kW	26 - 16m	450 - 700m³	125mm 5"	250 - 300mm	850VDC	500 - 700VDC

Solar Pump Model	Pump Spec.	Pump Power	Water Head	Daily Water Flow	Outlet Dia.	Adapting Well Dia.	Max. Open Circuit Voltage	Recommended MPP Voltage
SPB1013K1100-4	3PH 380V 50Hz	13kW	22 - 18m	700 - 1100m³	150mm 6"	300 - 350mm	850VDC	500 - 700VDC
SPB815K700-4	3PH 380V 50Hz	15kW	53 - 33m	450 - 700m³	125mm 5"	250 - 300mm	850VDC	500 - 700VDC
SPB822K700-4	3PH 380V 50Hz	22kW	80 - 50m	450 - 700m³	125mm 5"	250 - 300mm	780VDC	500 - 600VDC
SPB1022K1100-4	3PH 380V 50Hz	22kW	39 - 32m	700 - 1100m³	150mm 6"	300 - 350mm	780VDC	500 - 600VDC

Solar Pump Model	Pump Spec.	Pump Power	Water Head	Daily Water Flow	Outlet Dia.	Adapting Well Dia.	Max. Open Circuit Voltage	Recommended MPP Voltage
SPB830K700-4	3PH 380V 50Hz	30kW	110 - 70m	450 - 700m³	125mm 5"	250 - 300mm	780VDC	500 - 600VDC
SPB1030K1100-4	3PH 380V 50Hz	30kW	54 - 44m	700 - 1100m³	150mm 6"	300 - 350mm	780VDC	500 - 600VDC
SPB1230K1400-4	3PH 380V 50Hz	30kW	33 - 29m	1100 - 1400m³	150mm 6"	350 - 400mm	780VDC	500 - 600VDC
SPB837K700-4	3PH 380V 50Hz	37kW	139 - 89m	450 - 700m³	125mm 5"	250 - 300mm	780VDC	500 - 600VDC
SPB1037K1100-4	3PH 380V 50Hz	37kW	68 - 56m	700 - 1100m³	150mm 6"	300 - 350mm	780VDC	500 - 600VDC
SPB1237K1400-4	3PH 380V 50Hz	37kW	40 - 34m	1100 - 1400 m³	150mm 6"	350 - 400mm	780VDC	500 - 600VDC
SPB1245K1400-4	3PH 380V 50Hz	45kW	47 - 41m	1100 - 1400m³	150mm 6"	350 - 400mm	780VDC	500 - 600VDC

