

PB-G4 Solar Pumping Inverter Smart Pro E

- ✔ Compatible with all types of pumps using 3-phase / single-phase asynchronous motors and permanent magnet synchronous motor.
- ✔ Patented dynamic VI maximum power tracking (MPPT) algorithm. 99% MPPT efficiency.
- ✔ Up to 98% conversion efficiency of the inverter.
- ✔ Dual protection of hardware and software against dry running.
- ✔ Full aluminum alloy case, IP65 protection grade. Suitable for various harsh outdoor environments.



Advance Function

- ✔ Support PV/AC power complementary input, with solar priority function.
- ✔ One key to enable the power saving mode (CRUISE).
- ✔ Built-in BOOST and PFC circuit for wide input voltage range, flexible options for solar panels configuration.
- ✔ Built-in DC disconnect switch and fuse, integrated design for system cost saving and wiring simplifying.
- ✔ Built-in module or external device for remote monitoring.
- ✔ Pay & Go function module for installment payment function.



Product Specification

Model	Rated Power	Max. Input Current	Max. DC Input Voltage	Recommended MPP Voltage	AC Input Voltage	Rated Output Current	AC Output Voltage	AC Output Frequency	Net Weight	Gross Weight	Packing Size
PB750S1-G4	0.75 kW	DC 13A / AC 13A	440 V	90 ~ 360 VDC	1PH 85V~265V	8.6 A	1PH 0~110V/ 3PH 0~190V	0-50 / 60 Hz	5.5 kg	6.5 kg	386×367×180mm
PB1500S1-G4	1.5 kW	DC 13A / AC 13A	440 V	125 ~ 360 VDC	1PH 85V~265V	14 A	1PH 0~110V/ 3PH 0~190V	0-50 / 60 Hz	5.5 kg	6.5 kg	386×367×180mm
PB1100L-G4	1.1 kW	DC 13A / AC 13A	440 V	90 ~ 360 VDC	1PH 85V~265V	6.3 A	3PH 0~220/240V	0-50 / 60 Hz	5.5 kg	6.5 kg	386×367×180mm
PB1500L-G4	1.5 kW	DC 13A / AC 13A	440 V	125 ~ 360 VDC	1PH 85V~265V	8.6 A	3PH 0~220/240V	0-50 / 60 Hz	5.5 kg	6.5 kg	386×367×180mm
PB2200L-G4	2.2 kW	DC 13A / AC 13A	440 V	180 ~ 360 VDC	1PH 150V~265V	11 A	3PH 0~220/240V	0-50 / 60 Hz	5.5 kg	6.5 kg	386×367×180mm
PB3000L-G4	3 kW	DC 13A / AC 13A	440 V	250 ~ 360 VDC	1PH 150V~265V	14 A	3PH 0~220/240V	0-50 / 60 Hz	5.8 kg	6.8 kg	386×367×180mm
PB1500S2-G4	1.5 kW	DC 13A / AC 13A	440 V	150 ~ 400 VDC	1PH 187V~400V	8.6 A	1PH 0~220V/ 3PH 0~380V	0-50 / 60 Hz	5.8 kg	6.8 kg	386×367×180mm
PB2200S2-G4	2.2 kW	DC 13A / AC 13A	440 V	180 ~ 400 VDC	1PH 187V~400V	11 A	1PH 0~220V/ 3PH 0~380V	0-50 / 60 Hz	5.8 kg	6.8 kg	386×367×180mm
PB3000S2-G4	3 kW	DC 13A / AC 13A	480 V	250 ~ 400 VDC	1PH 187V~400V	14 A	1PH 0~220V/ 3PH 0~380V	0-50 / 60 Hz	5.8 kg	6.8 kg	386×367×180mm
PB1500H-G4	1.5 kW	DC 13A / AC 13A	480 V	150 ~ 400 VDC	1PH 187V~400V	3.7 A	3PH 0~380/440V	0-50 / 60 Hz	5.8 kg	6.8 kg	386×367×180mm
PB3000H-G4	3 kW	DC 13A / AC 13A	480 V	250 ~ 400 VDC	1PH 187V~400V	5.5 A	3PH 0~380/440V	0-50 / 60 Hz	5.8 kg	6.8 kg	386×367×180mm
PB4000H-G4	4 kW	DC 20A / AC 20A	850 V	500 ~ 700 VDC	1PH 187V~400V	9.5 A	3PH 0~380/440V	0-50 / 60 Hz	5.8 kg	6.8 kg	386×367×180mm

