



# 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	Max. Input Current	Max. DC Input Voltage	Recommended MPP Voltage	Rated Output Current	AC Output Voltage	AC Output Frequency	Net Weight	Gross Weight	Packing Size
PB1100S-G4	DC 13A / AC 13A	430 V	90 ~ 360 VDC	6.3 A	1PH / 3PH 0~220/240V	0-50 / 60 Hz	5.5 kg	6.5 kg	386×367×180mm
PB1500S-G4	DC 13A / AC 13A	430 V	125 ~ 360 VDC	8.6 A	1PH / 3PH 0~220/240V	0-50 / 60 Hz	5.5 kg	6.5 kg	386×367×180mm
PB2200S-G4	DC 13A / AC 13A	430 V	180 ~ 360 VDC	11 A	1PH / 3PH 0~220/240V	0-50 / 60 Hz	5.5 kg	6.5 kg	386×367×180mm
PB3000S-G4	DC 13A / AC 13A	430 V	250 ~ 360 VDC	14 A	1PH / 3PH 0~220/240V	0-50 / 60 Hz	5.5 kg	6.5 kg	386×367×180mm
PB1100L-G4	DC 13A / AC 13A	430 V	90 ~ 360 VDC	6.3 A	3PH 0~220/240V	0-50 / 60 Hz	5.5 kg	6.5 kg	386×367×180mm
PB1500L-G4	DC 13A / AC 13A	430 V	125 ~ 360 VDC	8.6 A	3PH 0~220/240V	0-50 / 60 Hz	5.5 kg	6.5 kg	386×367×180mm
PB2200L-G4	DC 13A / AC 13A	430 V	180 ~ 360 VDC	11 A	3PH 0~220/240V	0-50 / 60 Hz	5.5 kg	6.5 kg	386×367×180mm
PB3000L-G4	DC 13A / AC 13A	430 V	250 ~ 360 VDC	14 A	3PH 0~220/240V	0-50 / 60 Hz	5.5 kg	6.5 kg	386×367×180mm

