



PB-G3 Solar Pumping Inverter Smart Pro

- ✓ Compatible with submersible pumps, surface pumps, swimming pool pumps using induction motors.
- ✓ Patented dynamic VI maximum power tracking (MPPT) algorithm; Faster response and good stability. MPPT efficiency reaches 99%.
- ✓ Full automatic operation. 8 years storage capacity for operation data.
- ✓ Support soft start of pump. Full motor protections. Optional water level switch to protect overflow and motor dry running.
- ✓ Good sealing, IP65 protection grade. Ambient temperature: -20~+60°C. Ambient humidity $\leq 95\%$.
- ✓ Using high standard components, wide input voltage range, flexible options for solar panels configuration.
- ✓ LCD display, user friendly interface, rich display information.



Advance Function

- ✔ Support PV/AC power complementary input, with solar priority function selection.
- ✔ Optional built-in wireless communication module to implement system remote monitoring.
- ✔ Support timing control, pressure detection and control, liquid level depth detection and control.
- ✔ Support multi-pump linkage operation function, meet the expansion of large-flow and high-lift systems application.
- ✔ Support installment encryption to lock the pumping system and enter the activation code to unlock.



Product Specification

Model	Rated Power (kW)	Max Input Voltage (V)	Recommended MPP Voltage (V)	AC Input Voltage (V)	Rated AC Output Current (A)	Rated Frequency (Hz)	AC Output Voltage (V)	Net Weight (kg)	Gross Weight (kg)	Packing Size (L*W*H) (mm)
PB3700S-G3	3.7	450	310-370	1PH 220V(-10%)~240V(+10%)	17	0-50/60	1PH 0-220/240V	8	9.2	465×340×248
PB3700L-G3	3.7	450	280-370	1PH 220V(-10%)~240V(+10%)	17	0-50/60	3PH 0-220/240V	8	9.2	465×340×248
PB5500L-G3	5.5	450	280-370	3PH 220V(-10%)~240V(+10%)	22	0-50/60	3PH 0-220/240V	8	9.2	465×340×248
PB3700H-G3	3.7	850	500-700	3PH 380V(-10%)~440V(+10%)	9	0-50/60	3PH 0-380/440V	8	9.2	465×340×248
PB5500H-G3	5.5	850	500-700	3PH 380V(-10%)~440V(+10%)	13	0-50/60	3PH 0-380/440V	8	9.2	465×340×248
PB7500H-G3	7.5	850	500-700	3PH 380V(-10%)~440V(+10%)	18	0-50/60	3PH 0-380/440V	8	9.2	465×340×248
PB11KH-G3	11	850	500-700	3PH 380V(-10%)~440V(+10%)	24	0-50/60	3PH 0-380/440V	11.5	13	500×390×265
PB15KH-G3	15	850	500-700	3PH 380V(-10%)~440V(+10%)	30	0-50/60	3PH 0-380/440V	11.5	13	500×390×265
PB18KH-G3	18.5	850	500-700	3PH 380V(-10%)~440V(+10%)	39	0-50/60	3PH 0-380/440V	11.5	13	500×390×265
PB22KH-G3	22	850	500-700	3PH 380V(-10%)~440V(+10%)	45	0-50/60	3PH 0-380/440V	11.5	13	500×390×265
PB30KH-G3	30	780	500-600	3PH 380V(-10%)~440V(+10%)	60	0-50/60	3PH 0-380/440V	29	39.5	681×484×428
PB37KH-G3	37	780	500-600	3PH 380V(-10%)~440V(+10%)	75	0-50/60	3PH 0-380/440V	29	39.5	681×484×428
PB45KH-G3	45	780	500-600	3PH 380V(-10%)~440V(+10%)	92	0-50/60	3PH 0-380/440V	29	39.5	681×484×428

