



# Power Blessed Co., Ltd

## PB Off-grid Inverter

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Model No.	PB-GFI-1000	PB-GFI-2000	PB-GFI-3000	PB-GFI-5000
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### Input

Nom. DC Input Voltage (V)	108 or 216			
Nom. DC Input Current (A)	10.2 or 5.1	20.4 or 10.2	30.1 or 15.0	50.0 or 25.0
DC Voltage Range (%)	90%~125% of the Nominal DC Input Voltage			
DC Turn-on / Cut-off Voltage (%)	98% / 90% of the Nominal DC Input Voltage			

### Output

Nom. Output AC Power(kVA)	1.0	2.0	3.0	5.0
Nominal Output AC Voltage (V)	115 or 230			
Nominal Output AC Current (A)	8.7 or 4.35	17.4 or 8.7	26.1 or 13.0	43.5 or 21.7
Phase	Single			
Output Voltage THD (%)	< 3%			
Frequency(Hz)	50 ± 0.1 or 60 ± 0.1			
Power Factor	± 0.8			
Efficiency(%)	>91.0%	>91.0%	>92.0%	>93.0%
Overload Protection	150%, 10 seconds			
Output Current Limit (%)	120% of the Nominal Output Current			
Other Protection	Over-Temperature, Over-Current, Short-Circuit Protections			

### Packaging

Enclosure	IP20			
Weight(kg)	22.5	33	39	50
Dimension(H x W x D, mm)	133 x 482x 380	175 x 482 x 437	175 x 482 x 437	223 x 482 x 437
Cooling	Forced Air Cooling			

### Environment

Operation Ambient Temperature(°C)	-25~ +50			
Storage Ambient Temperature(°C)	-40~ +70			
Elevate Above Sea Level(m)	4000 (Max. Temp +30°C)			