

Model	PG1-2000-M-Li	System Functions
Input Voltage Source ACV-DCV		
Solar Input	29 ~ 31.5V	Charging Voltage DCV
Utility Input	110/240V	Charging Voltage ACV
Vehicle Input	Yes	Charging Voltage DCV
Input Power Source AC-DC		
Solar Power	350W ~ 480W	Charging Power
Floating	<50W	Floating Charging Power
Utility Power	201W	Charging Power
Floating	<50W	Floating Charging Power
Vehicle Power	Yes	Vehicle Charging Power (DC-DC Converter)
Floating	<50W	Floating Charging Power
Utility Charging Duration	7 ~ 8 Hours	Charging Duration Hours
Solar Charging Duration	8 ~ 9 Hours	Charging Duration Hours
Generator Output Power AC		
Voltage	110/230V	Output ACV
Frequency	50/60Hz±3	Output Frequency
Output Amps	9.0A	Output Current ACA
Surge Output Current	18.18A	Surge Output Current 3sec ACA
THD	<3%	Total Harmonic Distortion
Rated Power	2000W	Output Power Load
Surge Power	4000W	Surge Power Support < 2 Sec
Output Waveform	Pure Sine Wave	AC Output Pure Sine Wave
Output Power Socket	Dual Universal Socket/European	AC Outlet Power Socket
USB Charger	Yes	
Generator Output Power Protection		
OCP	Yes	Over Current Protection
OTP	Yes	Over temperature protection
OVP	Yes	Overvoltage Protection
ACV Short Circuits	Yes	Output ACV
Low Voltage Shutdown	Yes	AC & DC
Auto Reset	Yes	Protected Activated 5sec
Overload Protection	Yes	AC-Load
Soft Start	Yes	Output: Voltage, Power, Amps
Parallel System	Yes	Yes
Efficiency	>92%	Output Power Efficiency
Cooling Method	Yes	Intelligent Air Cooling
Working Temperature	20 ° C to 50 °C	Temperature
Phase	Single Phase 1ϕ	Single Phase 2 Wire
Storage Temperature	-30°- +70°	Temperature
Humidity	5% ~ 90%	Non-Condensing
Reverse Polarity Protection	Yes	Dc Input Reverse Polarity
Power Factor	90 ~ 100 %	Power Quality
Energy Saving Features		
Online	Yes	Charging With Load 24-Hours
Energy Saving Utility	> 60% @ 500W	Utility Source
Energy Saving Solar	100% @ Full Load	Solar Source
Energy Saving Dual Source	>70% @ Full Load (U)	Utility & Solar Dual Source
Physical Size & Weight		
Dimension (mm)	W250 *L800 *H300	Product Dimension
Weight	26.9kg	Weight +/- 5%