

Model	PG1-500-M-Li	System Functions
<b>Input Voltage Source ACV-DCV</b>		
Solar Input	29 ~ 31.5V	Charging Voltage DCV
Utility Input	110/240V	Charging Voltage ACV
Vehicle Input	Yes	Charging Voltage DCV
<b>Input Power Source AC-DC</b>		
Solar Power	150W ~ 250W	Charging Power
Floating	<20W	Floating Charging Power
Utility Power	150W	Charging Power
Floating	<20W	Floating Charging Power
Vehicle Power	Yes	Vehicle Charging Power (DC-DC Converter)
Floating	<20W	Floating Charging Power
Utility Charging Duration	4 ~ 4.5 Hours	Charging Duration Hours
Solar Charging Duration	4.5 ~ 5 Hours	Charging Duration Hours
<b>Generator Output Power AC</b>		
Voltage	110/230V	Output ACV
Frequency	50/60Hz±3	Output Frequency
Output Amps	2.17A	Output Current ACA
Surge Output Current	4.34A	Surge Output Current 3sec ACA
THD	<3%	Total Harmonic Distortion
Rated Power	500W	Output Power Load
Surge Power	1000W	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	
<b>Generator Output Power Protection</b>		
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
<b>Energy Saving Features</b>		
Online	Yes	Charging With Load 24-Hours
Energy Saving Utility	> 60% @ 100W	Utility Source
Energy Saving Solar	100% @ Full Load	Solar Source
Energy Saving Dual Source	>70% @ Full Load (U)	Utility & Solar Dual Source
<b>Physical Size &amp; Weight</b>		
Dimension (mm)	W250 *L320 *H300	Product Dimension
Weight	12.5kg	Weight +/- 5%