

# Specification

MODEL		PV11-1200 Plus	PV11-2400 Plus
<b>Nominal Battery System Voltage</b>		12VDC	24VDC
<b>INVERTER OUTPUT</b>	Rated Power	1200VA/720W	2400VA/1440W
	Waveform	Simulated Sine-wave	
	Nominal Output Voltage RMS	230V	
	Output Voltage Regulation	+10/-18%	
	Output Frequency	50Hz/60Hz +/-1 Hz	
	Inverter Efficiency(Peak)	>80%	
	Line Mode Efficiency	>98%	
	Typical Transfer Time	Typical 15~20ms 40ms max	
<b>AC INPUT</b>	Voltage	230VAC	
	Selectable Voltage Range	Narrow	170~280VAC
		Wide	90~280VAC
Frequency Range	40Hz-70Hz (Auto sensing)		
<b>BATTERY</b>	Nominal Input Voltage	12VDC	24VDC
	Minimum Start Voltage	10.5VDC	21.0VDC
	Low Battery Alarm	10.4VDC (min)	20.8VDC (min)
	Low Battery Cutoff	9.9~12VDC (Can be set)	19.8~24VDC (Can be set)
	High Voltage Cutoff	15.0VDC (max)	30.0VDC (max)
<b>SOLAR CHARGER &amp; AC CHARGER</b>	Maximum PV Charge Current	50A (max)	
	Maximum PV Array Power	750W	1500W
	PWM Range @ Operating Voltage	16~55VDC	
	Maximum PV Array Open Circuit Voltage	55VDC	
	Maximum Efficiency	>95%	
	Standby Power Consumption	<2W	
	AC Charger Voltage	14.5(max)	29(max)
	AC Charging Current	10A / 20A (Can be set)	
Maximum Charge Current	10-50A (Can be set)		
<b>BYPASS &amp; PROTECTION</b>	Nominal Input Frequency	40Hz - 70Hz	
	Overload Protection (SMPS Load)	FUSE	
	Output Short Circuit Protection	FUSE	
	Bypass Fuse Rating	10A	
	Max Bypass Current	10Amp	
<b>MECHANICAL SPECIFICATIONS</b>	Machine Dimensions (W*H*D)	231*290*92mm	
	Package Dimensions (W*H*D)	595*375*315mm	
	Net Weight (kg)	2.66	2.8
	Gross Weight (kg)	3.36	3.5
<b>OTHER</b>	Operation Temperature Range	0°C to 50°C	
	Audible Noise	50dB MAX	
	Display	LED+LCD	
	Loading(20GP/40GP/40HQ)	1700pcs / 3400pcs / 4100pcs	

\* Product specifications are subject to change without further notice.