

Features

- True sine wave output THD<3%
- Input & output fully isolation
- Synchronization & phase lock circuit design to protect the machine when shifting
- Tolerance 2 times rated power start, adapted for capacitive, inductive load
- Designed with intelligence charging with 12V/30A or 24V/30A built-in-charger
- Provide USB charging: 12V/500MA
- Soft-start to reduce inrush current
- LED /LCDdisplay working status
- Input polarity/UVP/OVP/OSP/OLP/OTP



Specifications

AC OUT-PUT	Models	SPG800-2123PC	
	Output Power	800W	
	Surge Power	1600W(≤2S)	
	Output Frequency	50/60Hz ±0.5%	
	Output Waveform	True sine wave (THD<3%)	
	P·F Allowed	COSθ-90°~COSθ+90°	
	Efficiency	88%	
DC IN-PUT	Input Voltage	12VDC	
	Voltage Range	10.0~16.0VDC	
	Fault Indication	LED Red and Buzzer Alarm	
AC Charger	Input Voltage	164~243VAC	
	Output Voltage	Fast(14.0~15.1V), Float(13.3-13.8V).	
	Over charge Protection	15.7V for 12V	
	Charge Current	7A	
Solar Charger	Solar panel Max	360W	
	Rated Voltage	12VDC	
	Rated charge current	30A	
	USB Output	12V 0.5A *2	
	Input PV Voltage	15-22VDC 300Wp (max)	
	Temp. compensation	-13.2mv/°C(*2 for 24vdc,*4 for 48vdc)	
Others	Working Humidity	20-90%RH	
	Safety and EMI	UL458	LVD (EN60950)
	Working temp.	-20~50°C	
	Storage Temp	-30~70°C	
	Cooling	Temperature controlled cooling fan	
	Size (mm)	255*200*65	
	Weight (kg)	3.0	

*Note: The Specifications are subject to changes without notice.