



SAMLEX POWER PRODUCTS



PST Series Pure Sine Wave Inverter

FEATURES

- Switching mode design*
- High efficiency*
- Pure sine wave output voltage*
- 12 or 24 VDC input and 120 VAC output*
- Overload protection*
- High output current surge*
- Low battery alarm / shut down*
- Low idle power draw of less than 0.5 Amps*
- 2 Year warranty*

APPLICATIONS

- Service vehicles, Mobile Offices*
- Boats, Recreation Vehicles, Camping*
- Telecommunication*
- Field work / Construction sites*
- Solar power systems*
- Emergency backup power*
- Home electronics: TV, VCR, video games*
- Computers, printers*



2000 Watts

TECHNICAL SPECIFICATIONS

Model	PST-200S-12A	PST-200S-24A
Input Voltage	10.7 to 16.5 VDC	21.4 to 33 VDC
Input Current at No Load	<1 A	<0.8 A
Output Voltage	120 VAC+/-3%	120 VAC+/-3%
Output Frequency	60 Hz	60 Hz
Output Voltage Waveform	Sine Wave	Sine Wave
Total Harmonic distortion	<3%	<3%
Output Power		
Continuous	2000 Watts*	2000 Watts*
Surge (for <1 second)	4000 Watts*	4000 Watts*
Low Input Voltage Warning Alarm	10.7 V	21.4 V
Low Input Voltage Shut-down	10 V	20 V
High Input Voltage Shut-down	16.5 V	33 V
Leakage Protection	Built-in Ground Fault Circuit Interrupter (GFCI)	
Operating Ambient Temp	0 to 40°C+/-5°C	0 to 40°C+/-5°C
Peak Efficiency	85%	85%
Cooling	2 x Temperature Controlled Fans	
Connections:		
Input	Tubular type screw down terminals	
Output	2 x Standard North American Outlet (NEMA5-20R)	
DC Side Input Fuse	40 A x 6	20 A x 6
(Automotive Type ATC, 32V)		
Dimensions(LxWxH)	415 x285x 100mm	
Weight	5.9 kg/13 lbs	

* The power specified is for resistive type of loads (like incandescent lamps, heaters etc) which have a power factor = 1. Reactive type of loads (like electric motor driven loads, fluorescent lights, computers, audio / video equipment etc) may have a power factor of 0.8 to 0.6. The power that can be delivered to such type of loads will reduce by this factor.