

# AC POWER SOURCE PURE SINE WAVE INVERTERS



for PURE inversion ride the SAMLEX wave



150 Watt  
Pure Sine-Wave Inverter



300 Watt  
Pure Sine-Wave Inverter



600 Watt  
Pure Sine-Wave Inverter



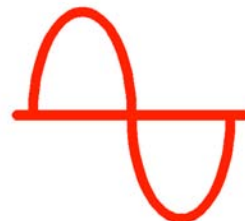
1000 Watt Pure Sine-Wave Inverter



1500 Watt Pure Sine-Wave Inverter

## FEATURES:

- Low Battery Alarm
- Short Circuit Protection
- Over Temperature Protection
- 2 Year Warranty



**PURE SINE WAVE**

— SEE BACK FOR COMPLETE SPECIFICATIONS —

# PURE SINE WAVE INVERTERS

## SPECIFICATIONS

	PST-15S-12	PST-30S-12	PST-60S-12*	PST-100S-12*	S1500-112B2**
<b>INPUT VOLTAGE</b>	10 to 15V DC	10 to 15V DC	10 to 15V DC	10 to 15V DC	10 to 15V DC
<b>INPUT CURRENT AT NO LOAD</b>	500 milliamps	700 milliamps	850 milliamps	1800 milliamps	12W ( <small>&lt; 1.5W in Power Saving Mode</small> )
<b>OUTPUT VOLTAGE</b>	115V AC +/- 3%	115V AC +/- 3%	115V AC +/- 3%	115V AC +/- 3%	100/110/120 V AC (Switch Selectable)
<b>OUTPUT FREQUENCY</b>	60 Hz	60 Hz	60 Hz	60Hz	50-60 Hz (Switch Selectable)
<b>OUTPUT VOLTAGE WAVEFORM</b>	Pure Sine Wave	Pure Sine Wave	Pure Sine Wave	Pure Sine Wave	Pure Sine Wave
<b>TOTAL HARMONIC DISTORTION</b>	< 3%	< 3%	< 3%	< 3%	< 3%
<b>OUTPUT POWER</b>					
Continuous	150 Watts	300 Watts	600 Watts	1000 Watts	1500 Watts
Surge	300 Watts	500 Watts	1000 Watts	2000 Watts	2000 Watts
<b>LOW BATTERY ALARM</b>	10.7 V	10.7 V	10.7 V	10.7V	10.2 V
<b>LOW BATTERY SHUTDOWN</b>	10 V	10 V	10 V	10 V	9.5 V
<b>OPERATING AMBIENT TEMP.</b>	◀ 0 to 40°C +/- 5°C ▶				
<b>EFFICIENCY</b>	> 90%	> 90%	> 85%	> 85%	> 85%
<b>MICROPROCESSOR CONTROL</b>	No	No	No	No	Yes
<b>RS-232C INTERFACE</b>	No	No	No	No	Yes
<b>COOLING</b>	Convection	Continuous Running Fan	◀ Thermostatically Controlled Fan ▶		
<b>PROTECTIONS</b>	◀ Overload, Short Circuit, Reverse Polarity (fuse), Over/Under Input Voltage, Over Temperature ▶				
<b>CONNECTION</b>					
Input	Cigar Lighter Plug ◀ Tubular Screw Down Terminals ▶				
Output	◀ Std. North American Outlet (NEMA 5-15R) ▶				
GFCI on Output	No	No	No	Yes	No
<b>FUSE</b>	32V, 20A	32V, 40A	32V, 35A x 2	32V, 30A x 5	32V, 40A x 6
<b>DIMENSIONS</b>					
W x H x D (mm)	190 x 120 x 62	285 x 120 x 62	335 x 236 x 83	395 x 236 x 83mm	391 x 274 x 104
<b>WEIGHT</b>					
Kg.	1.2	1.75	3	4	7
Lbs.	2.6	3.9	6.6	8.8	15.4

\* Also available in 24Volt

\*\* Also available in 24Volt & 48Volt

## APPLICATIONS:

- Solar Power Systems
- Medical Devices
- Mobile Offices (TV & Radio Vans)
- Emergency Backup Power
- Industrial Controls (OEM)
- Security Systems
- Electric Utilities and Substations
- Computers, Printers, Monitors, Fax Machines