

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
- 1 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**
INPUT VOLTAGE	10 to 15V DC	10 to 15V DC	10 to 15V DC	10 to 15V DC	10 to 15V DC
INPUT CURRENT AT NO LOAD	700 milliamps	700 milliamps	850 milliamps	1800 milliamps	12W (<small>< 1.5W in Power Saving Mode</small>)
OUTPUT VOLTAGE	115V AC +/- 3%	115V AC +/- 3%	115V AC +/- 3%	115V AC +/- 3%	100/110/120 V AC (Switch Selectable)
OUTPUT FREQUENCY	60 Hz	60 Hz	60 Hz	60Hz	50-60 Hz (Switch Selectable)
OUTPUT VOLTAGE WAVEFORM	Pure Sine Wave	Pure Sine Wave	Pure Sine Wave	Pure Sine Wave	Pure Sine Wave
TOTAL HARMONIC DISTORTION	4%	4%	3%	3%	3%
OUTPUT POWER					
Continuous	150 Watts	300 Watts	600 Watts	1000 Watts	1500 Watts
Surge	300 Watts	500 Watts	1000 Watts	2000 Watts	2000 Watts
LOW BATTERY ALARM	10.5 V	10.5 V	10.7 V	10.7V	10.2 V
LOW BATTERY SHUTDOWN	10 V	10 V	10 V	10 V	9.5 V
OPERATING AMBIENT TEMP.	◀————— 0 to 40°C +/- 5°C —————▶				
EFFICIENCY	85%	85%	85%	85%	85%
MICROPROCESSOR CONTROL	No	No	No	No	Yes
RS-232C INTERFACE	No	No	No	No	Yes
COOLING	◀————— Thermostatically Controlled Fan —————▶				
PROTECTIONS	◀————— Overload, Short Circuit, Reverse Polarity (fuse), Over/Under Input Voltage, Over Temperature —————▶				
CONNECTION					
Input	Cigar Lighter Plug ◀————— Tubular Screw Down Terminals —————▶				
Output	◀————— Std. North American Outlet (NEMA 5-15R) —————▶				
GFCI on Output	No	No	No	Yes	No
FUSE	32V, 20A	32V, 40A	32V, 40A x 2	32V, 30A x 5	32V, 40A x 6
DIMENSIONS					
L x W x H (mm)	210 x 146 x 65	214 x 146 x 65	335 x 236 x 83	395 x 236 x 83mm	391 x 274 x 104
WEIGHT					
Kg.	1.3	1.5	3	4	7
Lbs.	2.9	3.3	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