



# AC POWER SOURCE PURE SINE WAVE INVERTERS



150 Watt Pure Sine-Wave Inverter



300 Watt Pure Sine-Wave Inverter



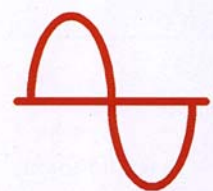
600 Watt Pure Sine-Wave Inverter



1500 Watt Pure Sine-Wave Inverter

### FEATURES:

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



PURE SINE WAVE



# PURE SINE WAVE INVERTERS

## SPECIFICATIONS

	PST-15S-12	PST-30S-12	PST-50S-12	S1500-112B2	S1500-124B2	S1500-148B2
<b>INPUT VOLTAGE</b>	10 to 15V DC	10 to 15V DC	10 to 15V DC	10 to 15V DC	20 to 30V DC	40 to 60V DC
<b>INPUT CURRENT AT NO LOAD</b>	500 milliamps	700 milliamps	850 milliamps	12W; < 1.5W in Power Saving Mode		
<b>OUTPUT VOLTAGE</b>	115V AC +/- 3%	115V AC +/- 3%	115V AC +/- 3%	100/110/120 V AC +/- 3% Switch Selectable		
<b>OUTPUT FREQUENCY</b>	60 Hz	60 Hz	60 Hz	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	Pure Sine Wave
<b>TOTAL HARMONIC DISTORTION</b>	< 3%	< 3%	< 3%	< 3%	< 3%	< 3%
<b>OUTPUT POWER</b>						
Continuous	150 Watts	300 Watts	600 Watts	1500 Watts	1500 Watts	1500 Watts
Surge	300 Watts	500 Watts	1000 Watts	2000 Watts	2000 Watts	2000 Watts
<b>LOW BATTERY ALARM</b>	10.7 V	10.7 V	10.7 V	10.2 V	20.4 V	40.8 V
<b>LOW BATTERY SHUTDOWN</b>	10 V	10 V	10 V	9.5 V	19 V	38 V
<b>OPERATING AMBIENT TEMP.</b>	0 to 50°C +/- 5°C					
<b>EFFICIENCY</b>	> 90%	> 90%	> 85%	> 85%	> 87%	> 88%
<b>MICROPROCESSOR CONTROL</b>	No	No	No	Yes	Yes	Yes
<b>RS-232C INTERFACE</b>	No	No	No	Yes	Yes	Yes
<b>COOLING</b>	Convection	Continuously 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)					
<b>FUSE</b>	32V, 20A	32V, 40A	32V, 35A x 2	32V, 40A x 6	32V, 20A x 6	32V, 10A 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	390 x 275 x 105		
<b>WEIGHT</b>						
Kg.	1.2	1.75	3	7	7	7
Lbs.	2.6	3.9	6.6	15.4	15.4	15.4

## APPLICATIONS:

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