SAMLEX AMERICA®

DC ~ AC
PURE SINE WAVE INVERTERS

Light Duty Consumer/Commercial

"PST" Series

- PST-15S-12A

150 Watts Output Power

- PST-30S-12A

300 Watts Output Power

- PST-60S-12A

600 Watts Output Power

- PST-100S-12A

1000 Watts Output Power

- PST-150S-12A

1500 Watts Output Power

FEATURES

- Pure Sine Wave Output
- High Efficiency
- Input & Output Isolated
- 2 Year Warranty
- PST-60S, PST-100S & PST-150S comes with built-in GFCI
- Choose from 12V or 24V input, (230 VAC output also available)

PURE SINE WAVE

Samlex DC ~ AC Power Inverters

the future of pure sine wave technology

SAMLEX AMERICA

PURE SINE WAVE INVERTERS - COMMERCIAL

"PST" SERIES SPECIFICATIONS

	PST-15S-12A	PST-30S-12A	PST-60S-12A	PST-100S-12A	PST-150S-12A
INPUT VOLTAGE	10.5 ~ 16.5 VDC	10.5 ~ 16.5 VDC	10.7 ~ 16.5 VDC	10.7 ~ 16.5 VDC	10.7 ~ 16.5 VDC
INPUT CURRENT(NO LOAD)	< 500mA	< 700mA	< 850 mA	< 0.8A	< 1.0 A
OUTPUT VOLTAGE	120 VAC +/- 3%	120 VAC +/- 3%	120 VAC +/- 3%	120 VAC +/- 3%	120 VAC +/- 3%
OUTPUT FREQUENCY	60 Hz	60 Hz	60 Hz	60 Hz	60 Hz
OUTPUT WAVEFORM	Pure Sine Wave	Pure Sine Wave	Pure Sine Wave	Pure Sine Wave	Pure Sine Wave
OUTPUT WAVEFORM (THD)	< 3%	< 3%	< 3%	< 3%	< 3%
OUTPUT POWER - continuous	150 Watts	300 Watts	600 Watts	1000 Watts	1500 Watts
OUTPUT POWER - surge	300 Watts	500 Watts	1000 Watts	2000 Watts	3000 Watts
EFFICIENCY	85%	85%	85%	85%	85%
OPERATING TEMPERATURE	0 ~ 40 C	0 ~ 40 C	0 ~ 40 C	0 ~ 40 C	0 ~ 40 C
COOLING	← Temperature Controlled Fan →				
BUILT-IN GFCI	No	No	yes	Yes	Yes
PROTECTIONS	Overload, Short Circuit, Reverse Polarity (Fuse), Over / Under Input Voltage, Over Temperature				
DIMENSIONS - millimeters	210 x 146 x 65	214 x 146 x 65	335 x 236 x 83	395 x 236 x 83	415 x 285 x 100
WEIGHT - pounds	2.9 lbs	3.3 bs	6.6 lbs	8.8 lbs	12.7 lbs
WEIGHT - kilograms	1.3 kgs	1.5 kgs	3 kgs	4 kgs	5.7 kgs
Models available in:					
24VDC input	Yes	Yes	Yes	Yes	Yes
230 VAC output	Yes	Yes	Yes	Yes	Yes
Optional Remote Control	No	No	Yes	Yes	Yes

APPLICATIONS

Solar Power Systems . Mobile Offices . Industrial Controls(OEM) . Electrical Utilities and Substations
Medical Devices . Emergency Backup Power . Security Systems . Computers
Printers . Monitors . Fax Machines