



1500W  
samlexamerica®



**DC-AC Inverter**  
Pure Sine Wave

Model	PST-150S-12E
	12 VDC - 230 VAC
	PST-150S-24E
	24 VDC - 230 VAC

**Design Features**

- High efficiency
- Low battery voltage alarm
- Protections: input low voltage, input over voltage, over temperature, over load, short circuit
- Low idle power draw
- Optional remote control (sold separately): Model RC-15
- Comes with pin-type battery cable lugs



	MODEL NO.	PST-150S-12E	PST-150S-24E
OUTPUT	POWER, CONTINUOUS	1500 Watts	1500 Watts
	POWER, SURGE (FOR <1 SEC)	3000 Watts	3000 Watts
	OUTPUT VOLTAGE	230 VAC +/- 3%	230 VAC +/- 3%
	OUTPUT FREQUENCY	50 Hz	50 Hz
	OUTPUT VOLTAGE WAVEFORM	Pure Sine Wave	Pure Sine Wave
	TOTAL HARMONIC DISTORTION	< 3%	< 3%
INPUT	INPUT VOLTAGE	10.7 to 16.5 VDC	21.4 to 33 VDC
	MAXIMUM INPUT CURRENT	200 A	100 A
	INPUT CURRENT AT NO LOAD	< 1.6 A	< 1.0 A
	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
	OPERATING AMBIENT TEMPERATURE	0 to 40°C +/- 5°C	0 to 40°C +/- 5°C
	PEAK EFFICIENCY	85%	85%
	COOLING		2 x Temperature Controlled Fans
CONNECTIONS	DC INSTALLATION KIT (OPTIONAL)	DC-2000-KIT	DC-1000-KIT
	INPUT		Tubular type screwdown terminals
	OUTPUT		2 Schuko Type of receptacles
	INTERNAL DC SIDE INPUT FUSE	40 A x 5	20 A x 5
	REMOTE (OPTIONAL)	RC-15	RC-15
GENERAL	DIMENSIONS, (L x W x H)	415 x 282 x 101 mm	415 x 282 x 101 mm
	DIMENSIONS, (L x W x H)	16.3 x 11.1 x 4 inch	16.3 x 11.1 x 4 inch
	WEIGHT, KG	5.7	5.7
	WEIGHT, LB	12.7	12.7
CE COMPLIANCE	SAFETY	Conforms to EN 60950-1	
	EMI/EMC	EN 55022: Class B; EN 55024; EN 61000-3-2; EN 61000-3-3	

NOTE: Specifications are subject to change without notice

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