



1000W  
samlexamerica®



**DC-AC Inverter**  
Pure Sine Wave

Model	PST-100S-12E
	12 VDC - 230 VAC
	PST-100S-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-100S-12E	PST-100S-24E
OUTPUT	POWER, CONTINUOUS	1000 Watts	1000 Watts
	POWER, SURGE (FOR <1 SEC)	2000 Watts	2000 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	160 A	80 A
	INPUT CURRENT AT NO LOAD	< 1.2 A	< 0.8 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%
CONNECTIONS	COOLING		Temperature Controlled Fan
	DC INSTALLATION KIT (OPTIONAL)	DC-2000-KIT	DC-1000-KIT
	INPUT		Tubular type screwdown terminals
	OUTPUT		1 Schuko Type of receptacle
	INTERNAL DC SIDE INPUT FUSE	40 A x 4	20 A x 4
GENERAL	REMOTE	RC-15 (optional)	RC-15 (optional)
	DIMENSIONS, (L x W x H)	400 x 241 x 82 mm	400 x 241 x 82 mm
	DIMENSIONS, (L x W x H)	15.7 x 9.5 x 3.2 inch	15.7 x 9.5 x 3.2 inch
	WEIGHT, KG	4	4
CE COMPLIANCE	WEIGHT, LB	8.8	8.8
	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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