



samlexamerica

# 1000W



**DC-AC Inverter**  
Pure Sine Wave

Model  
PST-100S-12A  
12 VDC-120 VAC  
PST-100S-24A  
24 VDC-120 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
- Built-in electronic GFCI
- Optional remote control (sold separately): Model RC-15
- Comes with pin-type battery cable lugs

## 2 YEAR WARRANTY

	MODEL NO.	PST-100S-12A	PST-100S-24A
OUTPUT	POWER, CONTINUOUS	1000 Watts	1000 Watts
	POWER, SURGE (FOR <1 SEC)	2000 Watts	2000 Watts
	OUTPUT VOLTAGE	120 VAC +/- 3%	120 VAC +/- 3%
	OUTPUT FREQUENCY	60 Hz	60 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 V DC
	INPUT CURRENT AT NO LOAD	< 0.8 A	< 0.6 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	Temperature Controlled Fan	
	DC INSTALLATION KIT	DC-2000-KIT	
CONNECTIONS	INPUT	Tubular type screwdown terminals	
	OUTPUT	2 x Standard North American Outlet (NEMA 5-15R)	
	DC SIDE INPUT FUSE	40 A x 4	20 A x 4
	REMOTE	RC-15 (optional)	RC-15 (optional)
GENERAL	DIMENSIONS, MM (L x W x H)	395 x 236 x 83 mm	395 x 236 x 83 mm
	DIMENSIONS, INCHES (L x W x H)	15.6 x 9.3 x 3.3"	15.6 x 9.3 x 3.3"
	WEIGHT, KG	4	4
	WEIGHT, LB	8.8	8.8

NOTE: Specifications are subject to change without notice