



2000W
samlexamerica®



DC-AC Inverter Pure Sine Wave

Model	PST-200S-12E
	12 VDC - 230 VAC
	PST-200S-24E
	24 VDC - 230 VAC

Design Features

- 50 / 60 Hz (Switch selectable: 50 Hz default)
- 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-200S-12E	PST-200S-24E
OUTPUT	POWER, CONTINUOUS (At Power Factor = 1)	2000 Watts	2000 Watts
	POWER, SURGE	4000 Watts (< 8 ms)	4000 Watts (< 8 ms)
	OUTPUT VOLTAGE	230 VAC ± 3%	230 VAC ± 3%
	OUTPUT FREQUENCY	50 / 60 Hz ± 1% : Switch Selectable (Default 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	240A	120A
	INPUT CURRENT AT NO LOAD	< 0.8A	< 0.6A
	LOW INPUT VOLTAGE WARNING ALARM	10.7V ± 0.1V	21.4V ± 0.2V
	LOW INPUT VOLTAGE SHUT-DOWN	10V ± 0.1V ; Auto-reset: 11.5V ± 0.3V	20V ± 0.2V ; Auto-reset: 23V ± 0.5V
	HIGH INPUT VOLTAGE SHUT-DOWN	16.5V ; Auto-reset: < 16.5V	33V ; Auto-reset: < 33V
	OPERATING AMBIENT TEMPERATURE	Operating temperature -20 to 40°C / -4 to 104°F Storage temperature -30 to 70°C / -22 to 158°F 90% relative humidity non-condensing	
	PEAK EFFICIENCY	> 85% (At full load)	> 85% (At full load)
	COOLING	Temperature controlled fan. Fan ON at 55°C ± 3°C; Fan OFF at 45°C ± 3°C (sensed at internal hot spot)	
	DC INSTALLATION KIT (OPTIONAL)	DC-2500-KIT	DC-2000-KIT
CONNECTIONS	INPUT	Terminals with cylindrical hole: Diameter 11 mm ; M8 set screw	
	OUTPUT	Two European "Schuko", CEE 7/3 AC Receptacles	
	INTERNAL DC SIDE INPUT FUSES	6 X 40A = 240A (Each Type ATC, 32V)	6 x 20A = 120A (Each Type ATC, 32V)
	REMOTE (OPTIONAL)	RC-15	RC-15
COMPLIANCE	EUROPEAN CONFORMITY	CE marked	
	SAFETY	European Low Voltage Directive 2014/35/EU • Standard : EN 60950-1	
	EMC	European EMC Directive 2014/30/EU per following Standards: • EMI: EN55022, Class B ; EN61000-3-2, -3-3 • EMS: EN55024; EN61000-4-2, -4-3, -4-4, -4-5, -4-6, -4-8, -4-11	
	RoHS2	European Directive 2011/65/EU	
GENERAL	DIMENSIONS, MM (W x D x H)	282 x 415 x 101	282 x 415 x 101
	DIMENSIONS, INCHES (W x D x H)	11.1 x 16.3 x 4.0	11.1 x 16.3 x 4.0
	WEIGHT, KG	5.9	5.9
	WEIGHT, LB	13.0	13.0

Note: Specifications are subject to change without notice.

12001-PST-200S-12E-24E-0418