



samlexamerica®

2000W



DC-AC Inverter Pure Sine Wave

Model
PST-2005-12E
12 VDC - 230 VAC
PST-2005-24E
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-2005-12E	PST-2005-24E
OUTPUT	POWER, CONTINUOUS	2000 Watts	2000 Watts
	POWER, SURGE (FOR <1 SEC)	4000 Watts	4000 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	240 A	120 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	
	DC INSTALLATION KIT (OPTIONAL)	DC-2500-KIT	DC-2000-KIT
CONNECTIONS	INPUT	Tubular type screwdown terminals	
	OUTPUT	2 Schuko Type of receptacles	
	INTERNAL DC SIDE INPUT FUSES	40 A x 6	20 A x 6
	REMOTE (OPTIONAL)	RC-15	RC-15
GENERAL	DIMENSIONS, MM (L x W x H)	415 x 282 x 101	415 x 282 x 101
	DIMENSIONS, INCHES (L x W x H)	16.3 x 11.1 x 4	16.3 x 11.1 x 4
	WEIGHT, KG	5.9	5.9
	WEIGHT, LB	13	13
COMPLIANCE	SAFETY	Conforms to EN 60950-1	
	EMI/EMC	EN 55022: Class B; EN 55024; EN 61000-3-2; EN 61000-3-3	