



300W  
samlexamerica®



### DC-AC Inverter Pure Sine Wave

Model	PST-30S-12E
	12 VDC-230 VAC
	PST-30S-24E
	24 VDC-230 VAC

### Design Features

- High efficiency
- Low battery voltage alarm
- LED indicators for power and protections
- Protections: input low voltage, input over voltage, over temperature, over load, short circuit
- Low idle power draw
- Comes with 2 DC input wire sets - with battery clamps and with 12V plug

	MODEL NO.	PST-30S-12E	PST-30S-24E
OUTPUT	POWER, CONTINUOUS	300 Watts	300 Watts
	POWER, SURGE (FOR <1 SEC)	500 Watts	500 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	10.5 to 16.5 VDC	21 to 33 VDC
	MAXIMUM INPUT CURRENT	40 A	20 A
	INPUT CURRENT AT NO LOAD	< 700 mA	< 500 mA
	LOW INPUT VOLTAGE WARNING ALARM	10.5 V	21 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	88%	88%
	COOLING	Temperature Controlled Fan	Temperature Controlled Fan
CONNECTIONS	INPUT	Tubular type screwdown terminals	Tubular type screwdown terminals
	OUTPUT	1 Schuko Type of receptacle	1 Schuko Type of receptacle
	INTERNAL DC SIDE INPUT FUSE	40 A	20 A
GENERAL	DIMENSIONS, MM (L x W x H)	215 x 146.3 x 65.5	215 x 146.3 x 65.5
	DIMENSIONS, INCHES (L x W x H)	8.5 x 5.8 x 2.6	8.5 x 5.8 x 2.6
	WEIGHT, KG	1.32	1.32
	WEIGHT, LB	2.9	2.9
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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