



## DC-AC Inverter Pure Sine Wave

Model  
PST-12S-12A  
12 VDC  
120 VAC

### Design Features

- Pure Sine Wave < 3% THD
- USB charging port: 5V, 500mA, over voltage protected
- Light weight and compact
- LED indicator for power and protections
- Temperature controlled fan
- 12V plug adaptor included
- For use with small laptops, portable electronics, small TVs, VCRs, sound systems and other portable sensitive electronics

## 2 YEAR WARRANTY

MODEL NO.		PST-12S-12A
OUTPUT	AC OUTPUT POWER, CONTINUOUS	120W
	AC OUTPUT POWER, SURGE	120W
	AC OUTPUT VOLTAGE	120 VAC +/- 3%
	AC OUTPUT FREQUENCY	60 Hz +/-1%
	AC OUTPUT WAVE FORM	Pure Sine Wave
	AC OUTPUT TOTAL HARMONIC DISTORTION	< 3%
	DC OUTPUT - USB CHARGING PORT	5V ± 0.1V / 500mA
INPUT	INPUT VOLTAGE RANGE	10V~16.5V
	MAXIMUM EFFICIENCY	88%
	NO LOAD CURRENT	<0.5 A
	INPUT CURRENT, MAXIMUM	15A
	FAN	Temperature Controlled
PROTECTIONS		Short Circuit / Overload: Drops voltage but does not shut down Auto reset Over Temperature: Shuts down when internal hot spot > 105°C Auto reset on cooling Low DC Input Voltage: Shuts down at < 10 VDC Auto reset at > 11.5 VDC High DC Input Voltage: Shuts down at > 16.5 VDC Auto reset at < 16.5 VDC High DC Output of USB port: Shuts down USB port at > 6.2 VDC
COMPLIANCE	SAFETY	EN 60950-1
	EMI	EN 55022: 2006 EN 55024: 1998 + A1; 2001 + A2; 2003
	EMC	EN61000-3-2: 2006 EN61000-3-3: 1995 + A1; 2001 + A2; 2005
GENERAL	DIMENSIONS (L x W x H), INCHES	7.44 x 4.13 x 1.20
	DIMENSIONS (L x W x H), MM	189 x 105 x 30.5
	WEIGHT, LB	1.0
	WEIGHT, KG	0.453

NOTE: Specifications are subject to change without notice

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