

PST Series Pure Sine Wave Inverter

FEATURES

- Switching mode design
- High efficiency
- Pure sine wave output voltage
- 12 VDC input and 230 VAC output
- Overload protection
- High output current surge
- Low battery alarm / shut down
- Low idle power draw of less than 1 Amps
- 2 Year warranty

APPLICATIONS

- Service vehicles
- Recreation Vehicles
- Telecommunication
- Solar power systems
- Trucks
- Marine



300 WATTS

TECHNICAL SPECIFICATIONS

Model	PST-30S-12E
Input Voltage	10.5 to 16.5 VDC
Input Current at No Load	< 700 mA
Output Voltage	230 VAC +/- 3%
Output Frequency	50 Hz
Output Voltage Waveform	Sine Wave
Total Harmonic distortion	< 3%
Output Power	
Continuous	300 Watts*
Surge (for <1 second)	500 Watts*
Low Input Voltage Warning Alarm	10.5 V
Low Input Voltage Shut-down	10 V
High Input Voltage Shut-down	16,5 V
Operating Ambient Temp	0 to 40°C +/- 5°C
Peak Efficiency	85%
Cooling	Temperature Controlled Fan
Connections:	
Input	Tubular type screw down terminals
Output	Standard VDE European Outlet
DC Side Input Fuse	40 A
(automotive Type ATC 32V)	
Dimensions (LxWxH)	214 x 146 x 65 mm
Weight	1,5 Kgs

The power specified is for resistive type of loads (like incandescent lamps, heaters etc.) which have a power factor = 1. Reactive type of loads (like electric motor driven loads, fluorescent lights, computers, audio/video equipment etc.) may have a power factor of 0.8 to 0.6. The power that can be delivered to such type of loads will reduce by this factor.

Technical Specifications subject to change without notification.