

## PST Series Pure Sine Wave Inverter

### FEATURES

- Switching mode design
- High efficiency
- Pure sine wave output voltage
- 24 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



## 1000 WATTS

### TECHNICAL SPECIFICATIONS

Model	PST-100S-24E
Input Voltage	21.4 to 33 VDC
Input Current at No Load	<600 mA
Output Voltage	230 VAC+/-3%
Output Frequency	50 Hz
Output Voltage Waveform	Sine Wave
Total Harmonic distortion	<3%
Output Power	
Continuous	1000 Watts*
Surge (for <1 second)	2000 Watts*
Low Input Voltage Warning Alarm	21.4 V
Low Input Voltage Shut-down	20 V
High Input Voltage Shut-down	33 V
Leakage Protection	Build-in Ground Fault Circuit Interrupter(GFCI)
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 (automotive Type ATC 32V)	40 A x 2
Dimensions (LxWxH)	395 x 236 x 83 mm
Weight	4 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.