

## PSI 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 0.8 Amps
- 2x Schuko output
- Remote control with 5m cable
- 2 Year warranty

### APPLICATIONS

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



## 3000 WATTS

### TECHNICAL SPECIFICATIONS

Model	PSI 3000-24
<b>INPUT</b>	
DC input voltage range	21.0 - 31.2 VDC ( $\pm 0.4$ VDC)
DC input current at rated load	150A
DC input current at no load	<0.8A
<b>OUTPUT</b>	
AC output voltage	225VAC ( $\pm 5$ VAC)
AC output frequency	50Hz ( $\pm 1\%$ )
AC output waveform	Pure Sine Wave
Continuous active output power	3000W
Maximum active surge power (less than 1 sec)	6000W
Peak efficiency	>90%
<b>PORTS</b>	
Remote control port (RJ-45 Jack, 8P8C)	Yes
<b>PROTECTIONS</b>	
Low input voltage warning alarm	22.0 VDC $\pm 0.4$ VDC
Low input voltage shutdown	21.0 VDC $\pm 0.4$ VDC
High input voltage shutdown	31.2 VDC $\pm 0.4$ VDC
Overload / short circuit shutdown	Yes. Manual reset
Over temperature shutdown	Yes. Auto reset
Cooling	Load and temperature controlled variable speed fan
Internal fuses	8 x 30A in parallel (Automotive Blade Fuses, Type ATO/ATC, 32 VDC)

- NOTES: 1. All power ratings are specified for resistive load at Power Factor = 1  
 2. All specifications given above are at ambient temperature of 25°C / 77°F  
 3. Specifications are subject to change without notice

## TECHNICAL SPECIFICATIONS

Model	PSI 3000-24
<b>CONNECTIONS</b>	
Input	Nut and bolt (M8)
Output	Dual Type-Schuko outlet
<b>ACCESSORIES INCLUDED</b>	
Remote control PSI-RC	Yes
<b>COMPLIANCE</b>	
Safety	EN62368-1
EMI / EMC	EN55032 / EN55035
<b>ENVIROMENT</b>	
Operating ambient temperature	-25°C to 40°C; -13°F to 104°F
Storage temperature	-30°C to 70°C; -26°F to 158°F
<b>GENERAL</b>	
Dimensions, mm (W X D X H)	222 x 446 x 89
Weight, kg	5.2

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