

PSI 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 1.6 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 3000-12
INPUT	
DC input voltage range	10.5 - 15.8 VDC (± 0.2 VDC)
DC input current at rated load	300 A
DC input current at no load	<1.6A
OUTPUT	
AC output voltage	225VAC (± 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%
PORTS	
Remote control port (RJ-45 Jack, 8P8C)	Yes
PROTECTIONS	
Low input voltage warning alarm	11.0 VDC ± 0.2 VDC
Low input voltage shutdown	10.5 VDC ± 0.2 VDC
High input voltage shutdown	15.8 VDC ± 0.2 VDC
Overload / short circuit shutdown	Yes. Manual reset
Over temperature shutdown	Yes. Auto reset
Cooling	Load and temperature controlled variable speed fan
Internal fuses	16 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 3000-12
CONNECTIONS	
Input	Nut and bolt (M8)
Output	Dual Type-Schuko outlet
ACCESSORIES INCLUDED	
Remote control PSI-RC	Yes
COMPLIANCE	
Safety	EN62368-1
EMI / EMC	EN55032 / EN55035
ENVIROMENT	
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
GENERAL	
Dimensions, mm (W X D X H)	222 x 446 x 89
Weight, kg	5.2

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