

# POWER CONVERSION PRODUCTS

## SWI 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 2.2 Amps
- Hand Wire / Schuko output
- Remote input
- 2 Year warranty

### APPLICATIONS

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



## 3000 WATTS

### TECHNICAL SPECIFICATIONS

Model	SWI 3000-12
Input voltage	10.7 - 16.5 VDC
Input Current at No Load	<2.2 A
Output Voltage	230 VAC +/-3%
Output frequency	50 Hz
Output Voltage Waveform	Sine Wave
Total Harmonic distortion	<3%
Output Power	
Continuous	3000 Watts*
Surge (for <1 second)	6000 Watts*
Low Input Voltage Warning Alarm	10.7 V +/- 0.2 V
Low Input Voltage Shut-down	10 V +/- 0.2 V
High Input Voltage Shut-down	>16.5 V
Operating Ambient Temp	-20 to 40°C +/-5°C
Peak Efficiency	>88%
Cooling	1 x Temperature Controlled Fan
Connections	
Input	Hex screw M10 connection
Output	Hand Wire / VDE European Outlet
DC Side Input Fuse	30 A x 12
(automotive Type ATC 32V)	
Dimensions (LxWxH)	456.5 x 263 x 145 mm
Weight	9.8 Kgs
Remote controller (optional)	RC-300

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.