

# POWER CONVERSION PRODUCTS

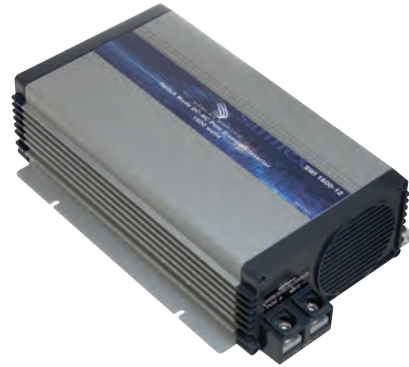
## SWI Series Pure Sine Wave Inverter

### 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 1.6 Amps
- Schuko output
- Remote input
- 2 Year warranty

### APPLICATIONS

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



## 1600 WATTS

### TECHNICAL SPECIFICATIONS

Model	SWI 1600-12
Input voltage	10.7 - 16.5 VDC
Input Current at No Load / Power saving mode	< 1.6 A / <0.9 A
Output Voltage	230 VAC +/- 3%
Output frequency	50 Hz / 60 Hz selectable
Output Voltage Waveform	Pure Sine Wave
Total Harmonic distortion	<2.5%
Output Power	
Continuous	1600 Watts*
Surge (for <1 second)	3200 Watts*
Low Input Voltage Warning Alarm	10.7 V +/- 0.1 V
Low Input Voltage Shut-down	10 V +/- 0.1 V
High Input Voltage Shut-down	>16.5 V
Operating Ambient Temp	-20 to 50°C (input voltage <15 VDC)
Peak Efficiency	>90%
Cooling	1 x Temperature Controlled Fan
Connections	
Input	Hex screw M8 connection
Output	2 x VDE European Outlet (Schuko)
DC Side Input Fuse	35 A x 6
(automotive Type ATC 32V)	
Dimensions (LxWxH)	377.5 x 230 x 103 mm
Weight	4.7 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.