



# SAMLEX POWER PRODUCTS



## SI Series Modified Sine Wave Inverters

### FEATURES

- Switching mode design*
- High efficiency*
- Modified sine wave output voltage*
- 12 VDC input and 115 VAC output*
- Overload protection*
- High output current surge*
- Low battery alarm / shut down*
- Low idle power draw*
- Clear lighter input connector*
- Compact and light weight*

### APPLICATIONS

- Service vehicles*
- Mobile Offices*
- Boats*
- Recreation Vehicles, Camping*
- Telecommunication*
- Field work / Construction sites*
- Solar power systems*
- Emergency backup power*
- Home electronics: TV, VCR, video games*
- Computers, printers, monitors, fax machines*
- Tools and appliances*



**175 Watts**

### TECHNICAL SPECIFICATIONS

Model	SI-175HP	SI-400HP
Output Voltage	115 V RMS	115 V RMS
Output Frequency	60 Hz	60 Hz
Output Power		
Continuous	175 Watts	400 Watts
Surge ( Less than 1 sec.)	350 Watts	800 Watts
Maximum Efficiency	90%	90%
Output Wave Form	Modified Sine-wave	
Input Voltage Range	10 - 15.6 VDC	10 - 15.6 VDC
No Load Power Consumption	60 mA	200 mA
Low Battery Alarm Activation	10.6 VDC	10.6 VDC
Low Battery Shutdown Activation	10 VDC	10 VDC
High Input Voltage Shutdown	15.6 VDC	15.6 VDC
Protections	Overload / short circuit Over temperature Over voltage Reverse polarity ( Will blow fuse ) Low Battery Shutdown	
Cooling Fan	No	Yes
Input Connection	Corded, Cigar Plug	Binding Posts
Output Connection	1 x Std.North American NEMA 5-15	2 x Std.North American NEMA 5-15
Input Fuse	ATC, 30A	ATC, 25A x 2
Dimensions ( L x W x H )	168 x 114 x 37 mm	160 x 160 x 55 mm
Weight	1.6 lbs / 0.66 kg	2.9 lbs / 1.31 kg

Technical Specifications subject to change without notification.