



SAMLEX AMERICA®

# AC POWER SOURCE INVERTERS

**HUNDREDS  
OF USES!**

## PORTABLE AC POWER APPLICATIONS

CAMPING, BOATING, RV, SERVICE VEHICLES, SOLAR POWER SYSTEMS, MOBILE OFFICE, EMERGENCY LIGHTING, Television, Video Players, Power Tools, Computers, Stereo Equipment, Mobile Communications, Coffee Makers, Fax Machines, Copiers, Drills, Sanders, Water Pumps, Travel Irons, Video Games and more!



• **SI-50HP**  
50 Watts Output Power



• **SI-140HP**  
140 Watts Output Power



• **SI-300HP**  
300 Watts Output Power



• **PSE-1260A**  
600 Watts Output Power



• **PSE-12100A**  
1000 Watts Output Power



• **PSE-12150A**  
1500 Watts Output Power



• **PSE-12250A**  
2500 Watts Output Power

### FEATURES

- Low Battery Alarm
- Low Battery Shutdown
- High Efficiency
- High Surge Power
- 1 Year Warranty
- 12V and 24V Models

— SEE BACK FOR COMPLETE SPECIFICATIONS —



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# AC POWER SOURCE INVERTERS

	SI-50HP	SI-140HP	SI-300HP	PSE-1260A	PSE-12100A	PSE-12150A	PSE-12250A
<b>Output Power</b> continuous surge	50 W 50 W	140 W 300 W	300 W 600 W	600 W 1000 W	1000 W 2000 W	1500 W 3000 W	2500 W 4500 W
<b>DC Input</b> <b>DC Connector</b>	10 - 15 V Cig.Plug	10 - 15 V Cig.Plug	10 - 15 V* Cig.Plug & Clamps	10 - 15 V Terminals	10 - 15 V Terminals	10 - 15 V Terminals	10 - 15 V Terminals
<b>Low Battery</b> <b>Alarm Shut-down</b>	10.6 V 10.0 V	10.6 V 10.0 V	10.6 V 10.0 V	10.6 V 10.0 V	10.6 V 10.0 V	10.6 V 10.0 V	10.6 V 10.0 V
<b>Efficiency</b>	85 - 90%	85 - 90%	85 - 90%	85 - 90%	85 - 90%	85 - 90%	85 - 90%
<b>No-load Draw</b>	< 60 mA	< 100 mA	< 200 mA	< 400 mA	< 350 mA	< 450 mA	< 800 mA
<b>AC Outlets</b>	1	1	2	2	2	2	1**
<b>Dimensions</b> (L x W x H) Imperial (in) (L x W x H) Metric (mm)	4.2x3x1.4 105x75x35	5.4x4.7x1.6 137x119x41	6.3x6.3x2.4 160x160x61	10.3x6x2.8 260x150x71	13.5x9.4x3.4 342x238x86	18.2x9.4x3.4 462x238x86	19.5x8.5x6.3 495x216x160
<b>Net Weight</b> Imperial Metric	0.5 lbs 0.2 kgs	1.3 lbs 0.6 kgs	2.9 lbs 1.3 kg	3.6 lbs 1.6 kgs	9.0 lbs 4.1 kgs	12.4 lbs 5.7 kgs	22.2 lbs 10.1 kgs
<b>Carton Quantity</b>	40	20	16	6	4	4	2
<b>Packaging</b>	Clamshell	Clamshell	Clamshell	Boxed	Boxed	Boxed	Boxed
<b>Warranty</b>	1 Year	1 Year	1 Year	1 Year	1 Year	1 Year	1 Year

## APPLICATION GUIDE

SELECT 1 OF THESE 7 SAMLEX MODELS TO PROVIDE THE POWER NEEDED TO RUN YOUR EQUIPMENT

Equipment	Power Needed	SI-50HP	SI-140HP	SI-300HP	PSE-1260A	PSE-12100A	PSE-12150A	PSE-12250A
Cellphone Charger	20 Watts	✓	✓	✓	✓	✓	✓	✓
Laptop Computer	40-50 Watts	✓	✓	✓	✓	✓	✓	✓
CD Player	50 Watts	✓	✓	✓	✓	✓	✓	✓
AM/FM Boom Box	60-100 Watts		✓	✓	✓	✓	✓	✓
100Watt Halogen Light	100 Watts		✓	✓	✓	✓	✓	✓
VCR	160 Watts		✓	✓	✓	✓	✓	✓
Printer	160 Watts			✓	✓	✓	✓	✓
12" Electric Fan	200 Watts			✓	✓	✓	✓	✓
20" Color TV	200 Watts			✓	✓	✓	✓	✓
Electric 3/8" Drill	350 Watts				✓	✓	✓	✓
Fax Machine	450 Watts				✓	✓	✓	✓
Blender	450 Watts				✓	✓	✓	✓
Sewing Machine	500 Watts				✓	✓	✓	✓
Vacuum Cleaner	550 Watts				✓	✓	✓	✓
Coffee Machine	600 Watts				✓	✓	✓	✓
Electric 1/2" Drill	650 Watts					✓	✓	✓
Small Microwave Oven	700 Watts*					✓	✓	✓
1/3 HP Water Pump	940 Watts						✓	✓
Refrigerator	1200 Watts							✓
20 Cubic Foot Freezer	1500 Watts							✓
Full Size Microwave Oven	1500 Watts*							✓
7" Circular Saw	1500 Watts							✓
Electric Chain Saw	1800 Watts							✓
Washing Machine	2500 Watts							✓

\* Denotes electrical power. Microwave specification is normally indicated as cooking power, electrical power = 2 times cooking power.

All Models are modified Sine wave with output 115V(+5%-10%), 60Hz  
For 220V output and/or 24V input call for availability.

\*SI-300HP c/w cig. plug and alligator clamp accessories

\*\*Configuration also enables hard wiring to multi-outlets