

# DC ~ AC POWER SOURCE INVERTERS

## 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-175HP

175 Watts Output Power



● SI-400HP

400 Watts Output Power



● SI-750HP

750 Watts Output Power



● PSE-12125A

1250 Watts Output Power



● PSE-12175A

1750 Watts Output Power



● PSE-12275A

2750 Watts Output Power

### FEATURES

- Low Battery Alarm
- Low Battery Shutdown
- High Efficiency
- High Surge Power
- 2 Year Warranty
- 12 VDC & 24 VDC Models

**RUGGED, COMMERCIAL GRADE INVERTERS**

see back for complete specifications



SAMLEX AMERICA®

# AC POWER SOURCE INVERTERS

	SI-50HP	SI-175HP	SI-400HP	SI-750HP	PSE-I2125A	PSE-I2175A	PSE-I2275A
<b>Output Power</b>							
Continuous	50 W	175 W	400 W	750 W	1250 W	1750 W	2750 W
Peak	50 W	350 W	800 W	1500 W	2500 W	3500 W	4500 W
<b>DC Input</b>	10-15V	10-15V	10-15V	10-15V	10-15V	10-15V	10-15V
<b>DC Connector</b>	Cig. Plug	Cig. Plug	Cig. Plug/Clamps	Terminals	Terminals	Terminals	Terminals
<b>Low Battery Alarm and 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%	+/- 90%	+/- 90%	+/- 90%	85-90%	85-90%	85-90%
<b>No-load Draw</b>	<60 mA	<100 mA	<200 mA	<300 mA	<320 mA	<370 mA	<600 mA
<b>AC Outlets</b>	1	1	2	3	2	2	1**
<b>Dimensions</b>							
(L x W x H) inches	4.2 x 3 x 1.4	5.4 x 4.7 x 1.6	6.3 x 6.3 x 2.4	11.2 x 6.1 x 2.2	13.5 x 9.4 x 3.4	18.2 x 9.4 x 3.4	19.5 x 8.5 x 6.3
(L x W x H) mm	105 x 75 x 35	137 x 119 x 41	160 x 160 x 61	285 x 154 x 59	342 x 238 x 86	462 x 238 x 86	495 x 216 x 160
<b>Net Weight</b>							
Pounds	0.5 lbs	1.3 lbs	2.9 lbs	4.0 lbs	9.0 lbs	12.4 lbs	22.2 lbs
Kilograms	0.2 kgs	0.6 kgs	1.3 kgs	1.8 kgs	4.1 kgs	5.7 kgs	10.1 kgs
<b>Carton Quantity</b>	40	20	16	8	4	2	2
<b>Packaging</b>	Clamshell	Clamshell	Clamshell	Clamshell	Boxed	Boxed	Boxed
<b>Warranty</b>	2 year	2 year	2 year	2 year	2 year	2 year	2 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-175HP	SI-400HP	SI-750HP	PSE-12125A	PSE-12175A	PSE-12275A
Cellphone Charger	20 Watts	✓	✓	✓	✓	✓	✓	✓
Laptop Computer	40-50 Watts	✓	✓	✓	✓	✓	✓	✓
CD Player	50 Watts	✓	✓	✓	✓	✓	✓	✓
AM/FM Boom Box	60-100 Watts		✓	✓	✓	✓	✓	✓
100 Watt 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-400HP c/w cig. plug and alligator clamp accessories

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