

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-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
- 12V and 24V Models



SAMLEX AMERICA®

AC POWER SOURCE INVERTERS

	SI-50HP	SI-175HP	SI-400HP	SI-750HP	PSE-I2125A	PSE-I2175A	PSE-I2275A
Output Power							
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
DC Input	10-15V	10-15V	10-15V	10-15V	10-15V	10-15V	10-15V
DC Connector	Cig. Plug	Cig. Plug	Cig. Plug/Clamps	Terminals	Terminals	Terminals	Terminals
Low Battery Alarm and Shut-down	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
Efficiency	85-90%	+/- 90%	+/- 90%	+/- 90%	85-90%	85-90%	85-90%
No-load Draw	<60 mA	<100 mA	<200 mA	<300 mA	<320 mA	<370 mA	<600 mA
AC Outlets	1	1	2	3	2	2	1**
Dimensions							
(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
Net Weight							
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
Carton Quantity	40	20	16	8	4	2	2
Packaging	Clamshell	Clamshell	Clamshell	Clamshell	Boxed	Boxed	Boxed
Warranty	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