

# 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

— SEE BACK FOR COMPLETE SPECIFICATIONS —

# AC POWER SOURCE INVERTERS

	SI-50HP	SI-175HP	SI-400HP	SI-750HP	PSE-I2125A	PSE-I2175A	PSE-I2275A
<b>Output Power</b>							
Continuous	<b>50 W</b>	175 W	400 W	750 W	1250 W	1750 W	2750 W
Peak	<b>50 W</b>	350 W	800 W	1500 W	2500 W	3500 W	4500 W
<b>DC Input</b>	<b>10-15V</b>	10-15V	10-15V	10-15V	10-15V	10-15V	10-15V
<b>DC Connector</b>	<b>Cig. Plug</b>	Cig. Plug	Cig. Plug/Clamps	Terminals	Terminals	Terminals	Terminals
<b>Low Battery Alarm and Shut-down</b>	<b>10.6 V</b> <b>10.0 V</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
<b>Efficiency</b>	<b>85-90%</b>	+/- 90%	+/- 90%	+/- 90%	85-90%	85-90%	85-90%
<b>No-load Draw</b>	<b>&lt;60 mA</b>	<100 mA	<200 mA	<300 mA	<320 mA	<370 mA	<600 mA
<b>AC Outlets</b>	<b>1</b>	1	2	3	2	2	1**
<b>Dimensions</b>							
(L x W x H) inches	<b>4.2 x 3 x 1.4</b>	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	<b>105 x 75 x 35</b>	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	<b>0.5 lbs</b>	1.3 lbs	2.9 lbs	4.0 lbs	9.0 lbs	12.4 lbs	22.2 lbs
Kilograms	<b>0.2 kgs</b>	0.6 kgs	1.3 kgs	1.8 kgs	4.1 kgs	5.7 kgs	10.1 kgs
<b>Carton Quantity</b>	<b>40</b>	20	16	8	4	2	2
<b>Packaging</b>	<b>Clamshell</b>	Clamshell	Clamshell	Clamshell	Boxed	Boxed	Boxed
<b>Warranty</b>	<b>2 year</b>	2 year	2 year	2 year	2 year	2 year	2 year

## APPLICATION GUIDE

### SELECT 1 OF THESE 7 ANALYTIC 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