



SAMLEX AMERICA®

DC ~ AC

PURE SINE WAVE INVERTERS

Heavy Duty Commercial

"S" Series



● S150-112 (UL)

150 Watts Output Power



● S300-112 (UL)

300 Watts Output Power



● S600-112 (UL)

600 Watts Output Power



● S1500-112 (UL)

1500 Watts Output Power

"SK" Series



● SK700-112

700 Watts Output Power



● SK1000-112 (UL)

1000 Watts Output Power



● SK1500-112

1500 Watts Output Power



● SK3000-112

3000 Watts Output Power

FEATURES

- Pure Sine Wave Output
- Microprocessor Controlled
- Input & Output Isolated
- 2 Year Warranty
- "S" series inverters UL listed. "SK" series with double surge power
- Models available in 12, 24 or 48 VDC input and 120 or 230 VAC output

PURE SINE WAVE



see back for complete specifications

Samlex DC ~ AC Power Inverters

the future of pure sine wave technology



PURE SINE WAVE INVERTERS - HEAVY DUTY COMMERCIAL

"S" SERIES SPECIFICATIONS

	<u>S150-112</u>	<u>S300-112</u>	<u>S600-112</u>	<u>S1500-112</u>
INPUT VOLTAGE	10.5 ~ 15 VDC	10.5 ~ 15 VDC	10.5 ~ 15 VDC	10 ~ 16 VDC
INPUT CURRENT(NO LOAD)	<.03A	<0.35A	.87A	<1.5 W Saving Mode
OUTPUT VOLTAGE	110 VAC +/- 5%	110 VAC +/- 5%	100-120 VAC +/- 3%	100-120 VAC -10% / + 4%
OUTPUT FREQUENCY	50 / 60Hz	50 / 60Hz	50 / 60Hz	50 / 60Hz
OUTPUT WAVEFORM	Pure Sine Wave	Pure Sine Wave	Pure Sine Wave	Pure Sine Wave
OUTPUT WAVEFORM (THD)	< 5%	< 6%	< 3%	< 3%
OUTPUT POWER - continuous	150 Watts	300 Watts	600 Watts	1500 Watts
OUTPUT POWER - surge	200 Watts	400 Watts	800 Watts	2000 Watts
EFFICIENCY	87%	89%	87%	85%
OPERATING TEMPERATURE	0 ~ 40 C	0 ~ 40 C	0 ~ 40 C	0 ~ 40 C
COOLING	Thermostatic Controlled Fan	Thermostatic Controlled Fan	Loading Controlled Fan	Thermostatic Controlled Fan
PROTECTIONS	Overload, Short Circuit, Reverse Polarity (Fuse), Over / Under Input Voltage, Over Temperature			
SAFETY / EMC	UL 458 / FCC Class B	UL 458 / FCC Class B	UL 458 / FCC Class B	UL 458 / FCC Class B
DIMENSIONS - inches	7.87 x 5.2 x 2.83	9.33 X 6.1 X 2.83	11.6 X 7.1 X 2.83	15.4 x 10.8 x 4.1
DIMENSIONS - millimeters	200 x 132 x 72	237 X 155 X 72	295 X 180 X 72	390 x 275 x 105
WEIGHT - pounds	5.4 lbs	7.7 lbs	5.4 lbs	15.5 lbs
WEIGHT - kilograms	2.7 kgs	3.5 kgs	2.7 kgs	7.0 kgs

"SK" SERIES SPECIFICATIONS

	<u>SK700-112</u>	<u>SK1000-112</u>	<u>SK1500-112</u>	<u>SK3000-112</u>
INPUT VOLTAGE	10.5 ~ 15 VDC	10.5 ~ 15 VDC	10.5 ~ 15 VDC	10.5 ~ 15 VDC
INPUT CURRENT(NO LOAD)	1.25A	1.43A	1.45A	2.0A
INPUT CURRENT (POWER SAVE)	.25A	0.25A	0.28A	0.55A
OUTPUT VOLTAGE	100-120 VAC +/- 3%	100-120 VAC +/- 3%	100-120 VAC +/- 3%	100-120 VAC +/- 3%
OUTPUT FREQUENCY	50 / 60Hz	50 / 60Hz	50 / 60Hz	50 / 60Hz
OUTPUT WAVEFORM	Pure Sine Wave	Pure Sine Wave	Pure Sine Wave	Pure Sine Wave
OUTPUT WAVEFORM (THD)	< 3%	< 3%	< 3%	< 3%
OUTPUT POWER - continuous	700 Watts	1000 Watts	1500 Watts	3000 Watts
OUTPUT POWER - surge	1400 Watts	2000 Watts	3000 Watts	6000 Watts
EFFICIENCY	89%	89%	88%	88%
OPERATING TEMPERATURE	0 ~ 40 C	0 ~ 40 C	0 ~ 40 C	0 ~ 40 C
COOLING	Loading Controlled Fan	Loading Controlled Fan	Loading Controlled Fan	Loading Controlled Fan
PROTECTIONS	Overload, Short Circuit, Reverse Polarity (Fuse), Over / Under Input Voltage, Over Temperature			
SAFETY / EMC	Meets UL458 / FCC Class A	UL458 / FCC Class A	Meets UL458 / FCC Class A	Meets UL458 / FCC Class A
DIMENSIONS - inches	11.6 X 7.09 X 2.83	15.08 X 7.17 X 3.46	16.34 X 7.52 X 3.46	17.8 X 8.2 X 6.5
DIMENSIONS - millimeters	295 X 180 X 72	383 X 182 X 88	415 X 191 X 88	452 X 208 X 166
WEIGHT - pounds	5.4 lbs	8.8 lbs	10.6 lbs	22 lbs
WEIGHT - kilograms	2.7 kgs	4 kgs	4.8 kgs	9.8 kgs

Models also available in 24VDC, 48VDC input & 230VAC output.

Solar Power Systems . Mobile Offices . Industrial Controls(OEM) . Electrical Utilities and Substations
 Medical Devices . Emergency Backup Power . Security Systems . Computers
 Printers . Monitors . Fax Machines