



SAMLEX AMERICA

DC ~ AC

PURE SINE WAVE INVERTERS

With Built-In Transfer Switch

"ST" Series



● ST1000-112

1000 Watts Output Power
c/w 16 Amp Transfer Switch

* Also available in 24 VDC & 48 VDC



● ST1500-112

1500 Watts Output Power
c/w 25 Amp Transfer Switch

* Also available in 24 VDC & 48 VDC



● ST2000-112

2000 Watts Output Power
c/w 25 Amp Transfer Switch

* Also available in 24 VDC & 48 VDC



● ST2500-112

2500 Watts Output Power
c/w 25 Amp Transfer Switch

* Also available in 24 VDC & 48 VDC

FEATURES

- Pure Sine Wave Output
- Microprocessor Controlled
- Built-in Transfer Switch
- 2 Year Warranty
- Synchronous AC Transfer
- Built-in Remote (External Switching Req'd)
- 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 -c/w BUILT-IN TRANSFER SWITCH

"ST" SERIES SPECIFICATIONS - 12 VDC Input

	<u>ST1000-112</u>	<u>ST1500-112</u>	<u>ST2000-112</u>	<u>ST2500-112</u>
INPUT VOLTAGE	10.5 ~ 15 VDC	10.5 ~ 15 VDC	10.5 ~ 15 VDC	10.5 ~ 15 VDC
OUTPUT VOLTAGE	120 VAC +/- 3%	120 VAC +/- 3%	120 VAC +/- 3%	120 VAC +/- 3%
OUTPUT FREQUENCY (Selectable)	50/60 Hz +/- .05%	50/60 Hz +/- .05%	50/60 Hz +/- .05%	50/60 Hz +/- .05%
OUTPUT WAVEFORM	Pure Sine Wave	Pure Sine Wave	Pure Sine Wave	Pure Sine Wave
OUTPUT WAVEFORM (THD)	< 3%	< 3%	< 3%	< 3%
OUTPUT POWER - continuous	1000 Watts	1500 Watts	2000 Watts	2500 Watts
OUTPUT POWER - Maximum (3 Min)	1150 Watts	1725 Watts	2300 Watts	2875 Watts
OUTPUT POWER - surge (<1 sec.)	2000 Watts	3000 Watts	4000 Watts	5000 Watts
EFFICIENCY	88 %	88 %	88 %	88 %
NO LOAD CURRENT DRAW	1.43 A	1.45 A	2.6 A	2.62 A
NO LOAD CURRENT DRAW (Power Save Mode)	.25 A	.28 A	.6 A	.6 A
CIRCUIT BREAKER	12 A	16 A	35 A	35 A
TRANSFER SWITCH	16 A	25 A	35 A	35 A
TRANSFER TIME (AC Source to Inverter)	12-14 ms	12-14 ms	12-14 ms	12-14 ms
OPERATING TEMPERATURE	0 ~ 40 C	0 ~ 40 C	0 ~ 40 C	0 ~ 40 C
COOLING	Loading Controlled Cooling Fan		Loading Controlled Cooling Fan x 2	
PROTECTIONS	Overload, Short-Circuit, Reverse Polarity (fuse), Over Temperature Over/Under Input Voltage, AC Input Circuit Breaker			
EMC	FCC Class A	FCC Class A	FCC Class A	FCC Class A
DIMENSIONS - inches	14.7" x 9.29" x 4.53"	15.9" x 9.29" x 4.53"	17" x 13" x 4.53"	18.2" x 13" x 4.53"
DIMENSIONS - millimeters	373 x 236 x 115 mm	403 x 236 x 115 mm	433 x 332 x 115 mm	463 x 332 x 115 mm
WEIGHT - pounds	13.6 Lbs	15.4 Lbs	24.6 Lbs	26.4 Lbs
WEIGHT - kilograms	6.2 Kg	7 Kg	11.2 Kg	12 Kg

* Available with 24 or 48 VDC Input, and 230 VAC Output

* Available with Optional Remote Control (Model: CR-8)

Recreation Vehicles . Marine . Back-Up AC Power