



1500W
samlexamerica



DC-AC Inverter Pure Sine Wave

Model
SA-1500-112 12 VDC-110 VAC
SA-1500-124 24 VDC-110 VAC

Design Features

- Power ON / OFF remote control available (Models S-R5)
- Isolated input and output
- Thermostatically controlled cooling fan
- Advanced microprocessor design
- Output voltage and frequency switch selectable
- Protections: overload / short circuit, reverse polarity (fuse), over / under input voltage, over temperature
- Built in voltage and wattage meters
- LED indicators for power status
- True sine wave output (THD < 3%)



2 YEAR WARRANTY

	MODEL No.	SA-1500-112	SA-1500-124
OUTPUT	AC VOLTAGE	12 VDC - 100/110/120 VAC Switch Selectable	24 VDC - 100/110/120 VAC Switch Selectable
	CONTINUOUS OUTPUT POWER	1500 W	1500 W
	PEAK OUTPUT POWER	2000 W	2000 W
	WAVEFORM	True sine wave (THD < 3%)	True sine wave (THD < 3%)
	FREQUENCY	50 / 60 Hz Switch Selectable	50 / 60 Hz Switch Selectable
	AC REGULATION	± 3%	± 3%
	OUTLETS	2	2
	STANDARD RECEPTACLES	NEMA5-15R / GFCI	NEMA5-15R / GFCI
	LED INDICATOR	OVP, UVP, OTP, OLP input voltage level, output load level and fault status	
	INPUT	NO LOAD CURRENT DRAW	0.87A
DC VOLTAGE		12 VDC, 180 A	24 VDC, 90 A
VOLTAGE RANGE		11~16 VDC	22 ~ 32 VDC
EFFICIENCY (Typ.)		87.0%	92.0%
FUSE		35 A x 2	20 A x 2
REMOTE CONTROL		S-R5	S-R5
BATTERY LOW ALARM		11 VDC	22 VDC
PROTECTION	BATTERY LOW SHUTDOWN	10.5 VDC	21.0 VDC
	OVER LOAD	Shut off output voltage, re-power on to recover	
	OVER VOLTAGE	15.3 VDC	30.6 VDC
	OVER TEMPERATURE	Shut off output voltage, recovers automatically after temperature goes down	
	OUTPUT SHORT	Shut off output voltage, re-power on to recover	
	BATTERY POLARITY REVERSE	By fuse open	By fuse open
	WORKING TEMPERATURE	0 ~ +40°C	0 ~ +40°C
ENVIRONMENT	WORKING HUMIDITY	20% ~ 90% RH non-condensing	20% ~ 90% RH non-condensing
	STORAGE TEMPERATURE & HUMIDITY	-30°C ~ +70°C / -22°F ~ +158°F / 10 ~ 95%	-30°C ~ +70°C / -22°F ~ +158°F / 10 ~ 95%
DIMENSIONS/ WEIGHT	INCHES	15.4 x 10.8 x 4.1 (L x W x H)	15.4 x 10.8 x 4.1 (L x W x H)
	MILLIMETERS	390 x 275 x 105 (L x W x H)	390 x 275 x 105 (L x W x H)
	POUNDS	15.5; 2 sets / 31 / CARTON	15.5; 2 sets / 31 / CARTON
	KILOGRAMS	7.0; 2 sets / 18 / CARTON	7.0; 2 sets / 18 / CARTON
OTHERS	COOLING	Thermostatically controlled cooling fan	
	APPLICATION	Home and Office appliances, Power tools and Portable equipments, Vehicle, Yacht and Solar power systems ...etc.	

NOTE: Specifications are subject to change without notice