



**samlexamerica®**

# 350W



## DC-AC Inverter Pure Sine Wave

Model  
**SK350-148**  
48 VDC  
120 VAC

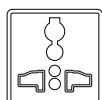
### Design Features

- True Sine Wave < 3% THD
- Power ON/OFF remote control
- Input & output fully isolation
- Load control cooling fan
- Advanced microprocessor
- Output frequency 50/60 Hz switch selectable
- Input polarity reverse / under voltage / over voltage protections
- Output short circuit / overload / over temperature protections
- Tri-color indicators display input, output levels & failure status

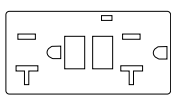
CE FCC e-13

## 2 YEAR WARRANTY

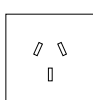
MODEL NO.		SK350-148
OUTPUT	AC VOLTAGE	120 VAC
	RATED POWER	350W
	SURGE POWER	700W
	WAVEFORM	True Sine Wave (THD < 3%)
	FREQUENCY	50/60 Hz selectable by DIP switch
	AC REGULATION	± 5%
	POWER FACTOR ALLOWED	COSφ - 90° ~ COSφ + 90°
	STANDARD RECEPTACLES	NEMA5-15R / GFCI
	LED INDICATOR	Input voltage level, output load level and fault status
INPUT	NO LOAD CURRENT DRAW	0.31A
	STAND-BY CURRENT DRAW	0.08A
	DC VOLTAGE	48 VDC
	VOLTAGE RANGE	42 ~ 60 VDC
	EFFICIENCY (TYPE)	92%
	FUSE	15A x 1
PROTECTIONS	REMOTE CONTROL	By external switch
	BATTERY LOW ALARM	44 VDC
	BATTERY LOAD SHUTDOWN	42 VDC
	OVER LOAD	Shut off output voltage, re-power on to recover
	OVER VOLTAGE	61.2 VDC
	OVER TEMPERATURE	Shut off output voltage, recovers automatically after temperature goes down
	OUTPUT SHORT	Shut off output voltage, re-power on to recover
ENVIRONMENT	BATTERY POLARITY	By fuse open
	WORKING TEMPERATURE	0 ~ + 40°C
	WORKING HUMIDITY	20% ~ 90% RH non-condensing
SAFETY & EMC	STORAGE TEMPERATURE & HUMIDITY	- 30°C ~ + 70°C / - 22°F ~ + 158°F / 10 ~ 95%
	ISOLATION RESISTANCE	I/P ~ O/P: 100M Ohms / 500 VDC
	EMI CONDUCTION & RADIATION	Compliance to FCC Class A
GENERAL	DIMENSIONS (L x W x H), INCHES	8.42 x 5.79 x 2.44
	DIMENSIONS (L x W x H), MM	214 x 147 x 62
	WEIGHT, LB	5.95 (6 sets; 48.50 lbs. / carton)
	WEIGHT, KG	2.7 (6 sets; 22 kgs. / carton)
	COOLING	Loading controlled cooling fan
APPLICATION		Home and office appliances, power tools and portable equipment, vehicle, yacht and solar power systems.



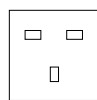
UNIVERSAL



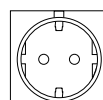
NORTH AMERICAN (GFCI)



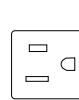
AUSTRALIA / NEW ZEALAND



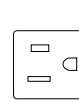
UNITED KINGDOM



CONTINENTAL EUROPEAN



NEMA5-15R



NEMA5-20R

NOTE: Specifications are subject to change without notice

12003-SK350-148-0712

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