



CE FC e-13

## DC-AC Inverter Pure Sine Wave

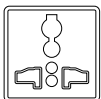
Model  
SK1500-212  
12 VDC  
220 VAC

### Design Features

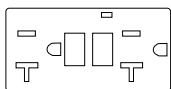
- True Sine Wave < 3% THD
- Power ON/OFF remote control
- Input & output fully isolation
- Load control cooling fan
- Advanced microprocessor
- Output frequency 50/60 Hz switch selectable
- Low power saving mode to conserve energy
- Input polarity reverse / under voltage / over voltage protections
-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

## 2 YEAR WARRANTY

	MODEL NO.	SK1500-212
OUTPUT	AC VOLTAGE	220 VAC
	RATED POWER	1500W
	SURGE POWER	3000W
	WAVEFORM	True Sine Wave (THD < 3%)
	FREQUENCY	50/60 Hz selectable by DIP switch
	AC REGULATION	± 3%
	POWER FACTOR ALLOWED	COS $\theta$ - 90° ~ COS $\theta$ + 90°
	STANDARD RECEPTACLES	Schuko / UK / Australia Universal
	LED INDICATOR	Input voltage level, output load level and fault status
INPUT	NO LOAD CURRENT DRAW	1.40A
	STAND-BY CURRENT DRAW	0.28A
	DC VOLTAGE	12 VDC
	VOLTAGE RANGE	10.5 ~ 15.0 VDC
	EFFICIENCY (TYPE)	90%
	FUSE	40A x 5
	REMOTE CONTROL	CR6 / CR8 optional
PROTECTIONS	BATTERY LOW ALARM	11 VDC
	BATTERY LOAD SHUTDOWN	10.5 VDC
	OVER LOAD	Shut off output voltage, re-power on to recover
	OVER VOLTAGE	15.3 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
GENERAL	EMI CONDUCTION & RADIATION	Compliance to EN55022 Class A; EN61000-3-2,3; EN60950-1; e-13*72/245/EEC, 95/54/EC
	DIMENSIONS (L x W x H), INCHES	16.34 x 7.52 x 3.46
	DIMENSIONS (L x W x H), MM	415 x 191 x 88
	WEIGHT, LB	10.58 (4 sets; 46.30 lbs./ carton)
	WEIGHT, KG	4.8 (4 sets; 21 kgs. / carton)
	COOLING	Loading controlled cooling fan
	APPLICATION	Home and office appliances, power tools and portable equipment, vehicle, yacht and solar power systems.



UNIVERSAL



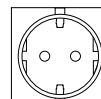
NORTH AMERICAN (GFCI)



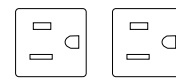
AUSTRALIA / NEW ZEALAND



UNITED KINGDOM



CONTINENTAL EUROPEAN



NEMA5-15R



NEMA5-20R

NOTE: Specifications are subject to change without notice

12003-SK1500-212-0712