COTEK

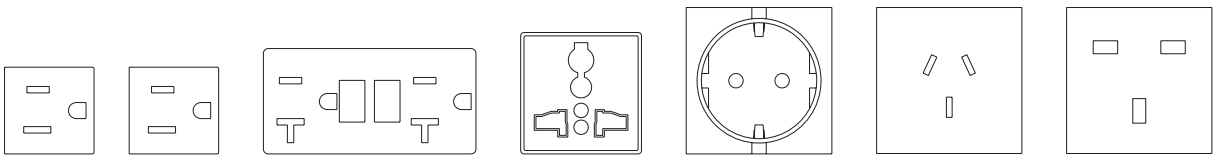
1500W Pure Sine Wave Inverters SK

FEATURES

- True sine wave output (THD < 3%)
- 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 level & failure status
- e-13 / CE / FCC approved



	MODEL No.	SK1500-112	SK1500-124	SK1500-148	SK1500-212	SK1500-224	SK1500-248
OUTPUT	AC VOLTAGE	100 / 110 / 120VAC			220 / 230 / 240 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	COSθ-90°~ COSθ+90°					
	STANDARD RECEPTACLES	NEMA5-15R / GFCI			Schuko / UK / Australia / Universal		
	LED INDICATOR	Input voltage level, output load level and fault status					
INPUT	NO LOAD CURRENT DRAW	1.45A	0.75A	0.40A	1.40A	0.70A	0.40A
	STAND-BY CURRENT DRAW	0.28A	0.15A	0.09A	0.28A	0.15A	0.09A
	DC VOLTAGE	12VDC	24VDC	48VDC	12VDC	24VDC	48VDC
	VOLTAGE RANGE	10.5~15.0VDC	21.0~30.0VDC	42.0~60VDC	10.5~15.0VDC	21.0~30.0VDC	42.0~60VDC
	EFFICIENCY (Typ.)	88.0%	91.0%	92.0%	90.0%	93.0%	94.0%
	FUSE	40A x 5	20A x 5	20A x 3	40A x 5	20A x 5	20A x 3
	REMOTE CONTROL UNIT	CR6 / CR8 optional					
PROTECTION	BAT. LOW ALARM	11VDC	22VDC	44VDC	11VDC	22VDC	44VDC
	BAT. LOW SHUTDOWN	10.5VDC	21.0VDC	42.0VDC	10.5VDC	21.0VDC	42.0VDC
	OVER LOAD	Shut off output voltage, re-power on to recover					
	OVER VOLTAGE	15.3VDC	30.6VDC	61.2VDC	15.3VDC	30.6VDC	61.2VDC
	OVER TEMPERATURE	Shut off output voltage, recovers automatically after temperature goes down					
	OUTPUT SHORT	Shut off output voltage, re-power on to recover					
	BAT. POLARITY	By fuse open					
ENVIRONMENT	WORKING TEMP.	0 ~ +40°C					
	WORKING HUMIDITY	20% ~ 90% RH non-condensing					
	STORAGE TEMP. HUMIDITY	-30°C ~ +70°C / -22° F ~ +158° F / 10~95%					
SAFETY & EMC	SAFETY STANDARDS	Meet UL458			-----		
	ISOLATION RESISTANCE	I/P ~ O/P: 100M Ohms / 500VDC					
	EMI CONDUCTION & RADIATION	Compliance to FCC classA			Compliance to EN55022 class A		
	EMS IMMUNITY	-----			Compliance to EN61000-3 -2, 3		
	LVD	-----			Compliance to EN60950-1		
	e-MARK	-----			Compliance to e-13 * 72/245/EEC, 95/54/EC		
OTHERS	DIMENSION	415 x 191 x 88mm (L x W x H)					
	PACKING	4.8kgs; 4sets / 21kgs / CARTON					
	COOLING	Loading controlled cooling fan					
	APPLICATION	Home and Office appliances, Power tools and Portable equipments, Vehicle, Yacht and Solar power systems …etc.					



NEMA 5-15R | North America (GFCI) | Universal | Schuko | Australia New Zealand | United Kingdom