

## 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.	SK1000-112	SK1000-124	SK1000-148	SK1000-212	SK1000-224	SK1000-248
OUTPUT	AC VOLTAGE	100 / 110 / 120VAC			220 / 230 / 240 VAC		
	RATED POWER	1000W					
	SURGE POWER	2000W					
	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	1.43A	0.75A	0.38A	1.20A	0.60A
STAND-BY CURRENT DRAW		0.25A	0.15A	0.09A	0.25A	0.15A	0.08A
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.)		89.0%	92.0%	93.0%	91.0%	93.0%	94.0%
FUSE		40A x 4	20A x 4	20A x 2	40A x 4	20A x 4	20A x 2
PROTECTION	REMOTE CONTROL UNIT	CR6 / CR8 optional					
	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					
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 STANDARDS	Meet UL458			-----		
SAFETY & EMC	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	383 x 182 x 88mm (L x W x H)					
	PACKING	4.0kgs; 4sets / 20kgs / CARTON					
	COOLING	Loading controlled cooling fan					
	APPLICATION	Home and Office appliances, Power tools and Portable equipments, Vehicle, Yacht and Solar power systems ...etc.					



