



### Features :

- True sine wave output (THD<5%)
- High surge power up to 2000W
- High efficiency up to 92%
- Power ON-OFF switch
- Standby saving mode
- Front panel indicator for operation status
- Thermostatically and Load controlled cooling fan
- Protections: Bat. low alarm / Bat. low shutdown /Bat. Over shutdown / Output short / Input polarity everse / Overload/Over Temp
- 1.5Times rated power for 10s ,2 times for 2s
- 1.5 years warranty



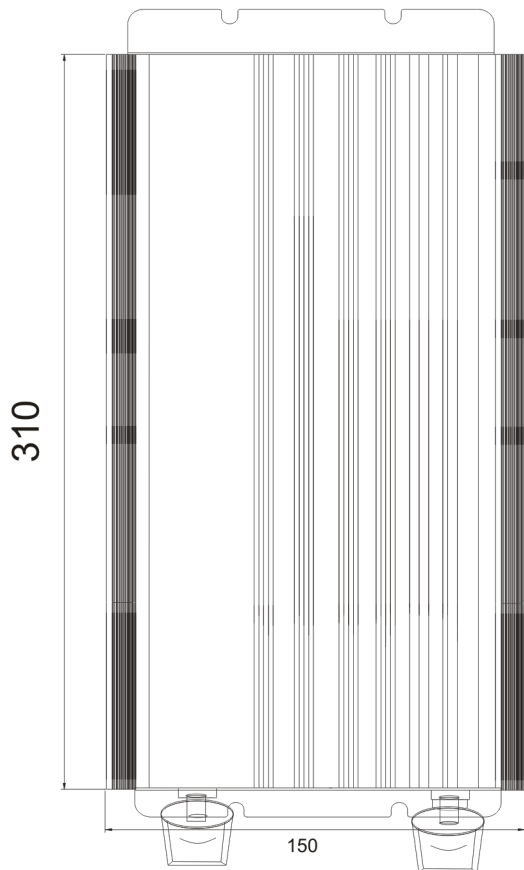
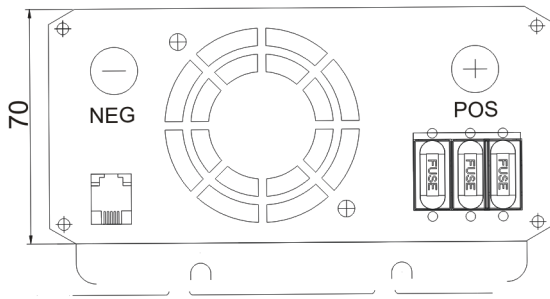
### SPECIFICATION

MODEL	KS-1000-112	KS-1000-124	KS-1000-148	KS-1000-212	KS-1000-224	KS-1000-248	
OUTPUT	RATED POWER	1000W					
	MAXIMUM OUTPUT POWER	1100W for 180 sec. / 1200W for 10 sec. / surge power 2000W for 2 sec					
	AC VOLTAGE	Factory Setting set at 110V AC			Factory Setting set at 230V AC		
		100/110/115/120VAC (Option)			220/230/240VAC Option		
	FREQUENCY	Factory Setting set at 60Hz (50/60Hz Option)			Factory Setting set at 50Hz (50/60Hz Option)		
	WAVE FORM	Ture Sine Wave(THD<4%) at rated input voltage					
	AC REGULATION	5%					
	STANDARD RECEPTACLES	Schuko/UK/Australia/Universal/USA/France/JP/Brazil					
FRONT PANEL INDICATOR	Operation and Fault status						
INPUT	BAT. VOLTAGE	12V	24V	48V	12V	24V	48V
	VOLTAGE RANGE	10.8 ~ 15.5VDC	21.6 ~ 31VDC	43.2 ~ 62VDC	10.8 ~ 15.5VDC	21.6 ~ 31VDC	43.2 ~ 62VDC
	DC CURRENT	100A	50A	25A	100A	50A	25A
	FUSE	35A*4	20A*4	10A*4	35A*4	20A*4	10A*4
	NO LOAD CURRENT DRAW	0.56A	0.28A	0.14A	0.56A	0.28A	0.14A
	EFFICIENCY	88%	90%	91%	89%	91%	92%
	BATTERY TYPES	Recommend use Open & sealed lead acid battery					
BATTERY INPUT PROTECTION	BAT.LOW ALARM	10.8+/-0.2V	21.6+/-0.4V	43.2+/-0.8V	10.8+/-0.2V	21.6+/-0.4V	43.2+/-0.8V
	BAT.LOW SHUTDOWN	10.2+/-0.2V	20.4+/-0.4V	40.8+/-0.8V	10.2+/-0.2V	20.4+/-0.4V	40.8+/-0.8V
	BAT.OVER SHUTDOWN	15.5+/-0.2V	31+/-0.4V	62+/-0.8V	15.5+/-0.2V	31+/-0.4V	62+/-0.8V
	REVERSE POLARITY	By fuse open					
OUTPUT	OVER TEMPERATURE	75℃					
	OUTPUT SHORT	Protection type : Shut down o/p voltage, re-power on to recover					
	OVER LOAD	120% Rated power / Protection type : Shut down o/p voltage, re-power on to recover within 10 times.					
ENVIRONMENT	WORKING TEMP.	0 ~ +40℃ @100% Load; 60℃ @ 50% Load					
	WORKING HUMIDITY	20%-90% RH non-condensing					
	STORAGE TEMP	-30~+70℃ /-22~ +158° F					
	STORAGE HUMIDITY	10-95% RH non-condensing					
SAFETY	CE	Compliance to EN61000-3-2,3					
	LVD	Compliance to EN60950-1					
	ROHS	Compliance to EN1122B:2001-1					
LED BUZZER	LOW BAT ALARM	Buzzer sound 2 times and Red light blink 2 times every 8 Sec					
	LOW BAT SHUT DOWN	Buzzer sound 3 times and Red light blink 3 times every 8 Sec					
	OVER BAT SHUT DOWN	Buzzer sound 4 times and Red light blink 4 times every 8 Sec					
	OVER TEMP	Buzzer sound 5 times and Red light blink 5 times every 8 Sec					
	OVER LOAD	Light Blink Constantly					
OTHER	COOLING	Load and Temp control the Fan					
	CONTROL WIRING	RJ11					
	DIMENSION	310*150*70mm (L*W*H)					
	PACKING	3.15KG:4PCS/15.5KGS/CARTON					
	APPLICATION	Home and office appliances, Power Tools and Portable Equipment, Vehicle,Yacht and Solar System					
NOTE	1.Volue test by input voltage at 13V,26V,48V. 2.All parameters are measured at rated load,25℃ of ambient temperature. 3.The specifications are subject to change without prior notice for further improvement of products						

### AC Output Receptacles(optional)

Receptacle type							
	TYPE-A	TYPE-B	TYPE-C	TYPE-D	TYPE-E	TYPE-F	TYPE-G
Country	USA	EUROPE	AUSTRALIA	U.K	FRANCE	UNIVERSAL	----
Certificate	<b>FC</b>	<b>CE</b>	<b>CE</b>	<b>CE</b>	<b>FC</b>	<b>FC</b>	<b>FC</b>

### Mechanical Specification



### Derating Curve

