

### Features :

True sine wave output (THD<3%)

High surge power up to 3000 W

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



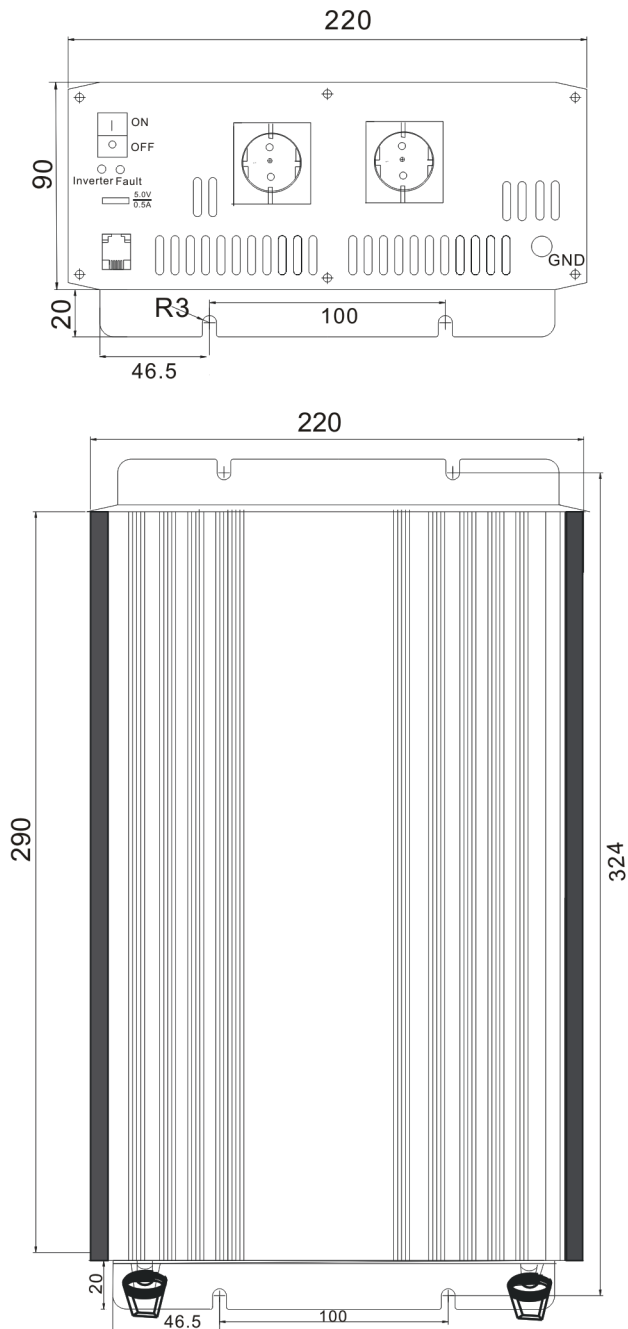
### SPECIFICATION

MODEL	KS-1500-112	KS-1500-124	KS-1500-148	KS-1500-212	KS-1500-224	KS-1500-248	
OUTPUT	RATED POWER	1500W					
	MAXIMUM OUTPUT POWER	1650W for 180 sec. / 1800W for 10 sec. / surge power 3000W for 2 sec					
	AC VOLTAGE	Factory Setting set at 110V AC 100/110/115/120VAC (Option)			Factory Setting set at 230V AC 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	150A	75A	38A	150A	75A	38A
	FUSE	35A*8	20A*8	10A*8	35A*8	20A*8	10A*8
	NO LOAD CURRENT DRAW	0.75A	0.37A	0.19A	0.75A	0.37A	0.19A
	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	290*220*90mm (L*W*H)					
	PACKING	5.3KG;2PCS/11KGS/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	FC	CE	CE	CE	FC	FC	FC

### Mechanical Specification



### Derating Curve

