VOLTEC 1000W Modified Sine Wave Inverter



- Modified sine wave output;
- High surge power up to 2 times of real loading power;
- Loading 1.5times rated power for 10s,2times for 2s;
- High efficiency up to 90%;
- Power ON-OFF switch;
- Soft start;
- Built-out fuse;
- More stable working functions
- Front panel indicator for operation status;
- Thermostatically and load controlled cooling fan;
- Protections: Bat. low alarm/Bat. low shutdown/Bat. over shutdown/output short/ overload/over Temp.
- 12 months warranty

MODEL		KS1000M-212
OUTPUT	RATED POWER	1000W
	SURGE POWER	2000W
	AC VOLTAGE	Factory setting set at 220V AC
	FREQUENCY	60Hz±1Hz
	WAVE FORM	Modified sine wave
	AC REGULATION	±10%
	STANDARD RECEPTACLES	Saudi Arabia
	FRONT PANEL INDICATOR	Operation and fault status
INPUT	BAT.VOLTAGE	12V

	VOLTAGE RANGE	9.7-16.4VDC
	DC CURRENT	100A
	NO LOAD CURRENT DRAW	<0.32A
	EFFICIENCY	89%
	BATTERY TYPES	Recommend use Open & sealed lead acid battery
BATTERY INPUT PROTECTION	BAT.LOW ALARM	10.8±0.3V
	BAT.LOW SHUTDOWN	10±0.3V
	BAT.OVER SHUTDOWN	16±0.4V
OUTPUT PROTECTION	OVER TEMPERATURE	≥45ºC or ≥60% rated power, cooling fan open;≥70ºC,Shut off.
		Protection type : Shut down o/p voltage, re-power on to recover; by internal Thermistor detect on heatsink of power transistor
	OUTPUT SHORT	Protection type: Shut down o/p voltage; re-power on to recover
	OVER LOAD	100%-120% rated load for 10 sec.
		Protection type : Shut down o/p voltage, re-power on to recover; by internal Thermistor detect on heatsink of power transistor
ENVIRONMENT	WORKING TEMP.	-15℃～+40℃@100% load;60℃ @50% load
	WORKING HUMIDITY	20%90% RH non-condensing
	STORAGE TEMP.	-30℃～+70℃/-22℉～+158℉
	STORAGE HUMIDITY	10%95% RH non-condensing
SAFETY	CE	Compliance to EN55032
	LVD	Compliance to EN60950-1
	ROHS	Compliance to EN50581
	E-MARK	E13
	OTHERS	ISO9001/IATF16949/BSCI
	UL test	B08H52NN2M/ B08H54PCDT/ B08H4TMTJC/ B08H51DTM8
	REACH	No.:1907/2006
certificate of registration	IATF 16949:2016	111458/A/0001/SM/En
OTHERS	USB port	5V/2.1A
	DIMENSION L*W*H (mm)	210*150*70
	PACKING(cm)	42*34*48 ;6pcs/CTN,15KG