VOLTEC 2500W Pure Sine Wave Inverter

New Series Pure Sine Wave Inverter

★★★★★ **Highly recommended products**



- Pure sine wave output(THD<3%);
- 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 92%;
- Power ON-OFF switch;
- Soft start; Built-in MOSFET and fuse;
- More stable working functions with TP56 safety terminals
- 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.
- 18 months warranty

MODEL		RS2500P-212	RS2500P-224

OUTPUT	RATED POWER	2500W	
	SURGE POWER	5000W	
	AC VOLTAGE	Factory setting set at 220V AC	
	FREQUENCY	60Hz±1Hz	
	WAVE FORM	True sine wave(THD<3%) at rated input voltage	
	AC REGULATION	±10%	
	STANDARD RECEPTACLES	Saudi Arabia	
	FRONT PANEL INDICATOR	Operation and fault status	
INPUT	BAT.VOLTAGE	12V	24V
	VOLTAGE RANGE	9.8-16.2VDC	19.7-32.3VDC
	DC CURRENT	250A	125A
	NO LOAD CURRENT DRAW	<1.1A	<0.98A
	EFFICIENCY	89%	90%
	BATTERY TYPES	Recommend use LiFePO4 & sealed lead acid battery	
BATTERY INPUT PROTECTION	BAT.LOW ALARM	10.5±0.2V	21±0.3V
	BAT.LOW SHUTDOWN	10.2±0.2V	20±0.3V
	BAT.OVER SHUTDOWN	16±0.2V	32±0.3V
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	
	RCD PROTECTION	Residual current device >25mA controlled	
	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)	430*220*113
	PACKING(cm)	61*31*46 ;2pcs/CTN,16KG