



Ningbo Kosun New Energy Co.,Ltd

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New Series Pure Sine Wave Inverter with ATS transfer function

★★★★★ 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;**
- Standby saving mode;
- **Built-in fuse;**
- **Inverter with ATS transfer;**
- **More safety connection by plastic terminal**
- 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 reverse protection/overload/over Temp.
- 18 months warranty

SPECIFICATION

MODEL		KS500PT	KS1000PT	KS1500PT	KS2000PT	KS2500PT	KS3000PT
OUTPUT	RATED POWER	500W	1000W	1500W	2000W	2500W	3000W
	SURGE POWER	1000W	2000W	3000W	4000W	5000W	6000W
	AC VOLTAGE	Factory setting set at 110V/220V AC					
	FREQUENCY	Factory setting set at 50HZ/60Hz					
	WAVE FORM	Ture sine wave(THD<3%) at rated input voltage					
	AC REGULATION	±10%					
	STANDARD RECEPTAC	Schuko/UK/Australia/Universal/USA/France/JP/Brazile					
INPUT	FRONT PANEL INDICAT	Operation and fault status					
	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	50A	25A	13A	50A	25A	13A
	FUSE	35A*2	35A*1	20A*1	35A*2	35A*1	20A*1
	NO LOAD CURRENT D	0.51A	0.25A	0.17A	0.51A	0.25A	0.17A
	EFFICIENCY	>92%					
BATTERY INPUT PROTECTION	BATTERY TYPES	Recommend use Open & sealed lead acid battery					
	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 design inside fuse						
by pass	ATS transfer The power switch to battery within 2s if the city power cut off.						
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					
ENVIRONMENT	WORKING TEMP.	0~+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 EN50498					
	LVD	Compliance to EN60950-1					
	ROHS	Compliance to EN50581					
	E-MARK	E13*10R05/01*14562*00					
	LED BUZZER	LOW BAT.ALARM	Buzzer sound 2 times and red light blink 2 times every 8s				
LOW BAT.SHUTDOWN		Buzzer sound 3 times and red light blink 3 times every 8s					
OVER BAT.SHUT DOW		Buzzer sound 4 times and red light blink 4 times every 8s					
OVER TEMP		Buzzer sound 5 times and red light blink 5 times every 8s					
OVER LOAD		Light blink constantly					
COOLING		Load and Temp. control the fan					
OTHER	CONTROL WIRING	RJ11					
	DIMENSION	210*150*70MM					
	PACKING	2.43KG;6PCS/14.5KGS/CARTON					
	APPLICATION	Home and office applications,power tools and portable equipment,vehicle,yacht and solar sys					