



# Ningbo Kosun New Energy Co.,Ltd

No.17,Xingyao Road,Yuyao City,Ningbo,Zhejiang Province,China 315400

Email:claire@kosunpower.com Whatsapp/wechat:+8615129828137

## New Series Pure Sine Wave Inverter with digital display

★★★★★ 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;**
- **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	DS1000P	DS1500P	DS2000P	DS2500P		
OUTPUT	RATED POWER	1000W	1500W	2000W	2500W	
	SURGE POWER	2000W	3000W	4000W	5000W	
	AC VOLTAGE	Factory setting set at 110V/220V AC				
	FREQUENCY	Factory setting set at 50HZ/60Hz				
	WAVE FORM	Pure sine wave(THD<3%) at rated input voltage				
	AC REGULATION	±10%				
	STANDARD RECEPTAC	Schuko/UK/Australia/Universal/USA/France/JP/Brazile				
INPUT	FRONT PANEL INDICA	Operation and fault status				
	BAT.VOLTAGE	12V	24V	48V	12V	24V
	VOLTAGE RANGE	10.8-15.5VDC	21.6-31VDC	43.2-62VDC	10.8-15.5VDC	21.6-31VDC
	DC CURRENT	50A	25A	13A	50A	25A
	FUSE	35A*2	35A*1	20A*1	35A*2	35A*1
	NO LOAD CURRENT D	0.51A	0.25A	0.17A	0.51A	0.25A
	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
	BAT.LOW SHUTDOWN	10.2±0.2V	20.4±0.4V	40.8±0.8V	10.2±0.2V	20.4±0.4V
	BAT.OVER SHUTDOWN	15.5±0.2V	31±0.4V	62±0.8V	15.5±0.2V	31±0.4V
	REVERSE POLARITY	By design inside fuse				
OUTPUT	OVER TEMPERATURE	75°C				
	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				
ENVIRONMENT	WORKING TEMP.	0~+40°C@100% load;60°C @50% load				
	WORKING HUMIDITY	20%-90% RH non-condensing				
	STORAGE TEMP.	-30~+70°C/-22~+158°F				
	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 DOWN	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				
OTHER	COOLING	Load and Temp. control the fan				
	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 sold					