KOSUNPOWER

Datasheet inverter 4000W

Hot sale single phase 4000W pure sine wave inverter with charger supply by the professional factory which built in 2011 and developed with advanced equipment for the strict process of produce such as the SMD, wave soldering, reflow soldering, AOI, spray paint and the lab test machine: vibration test,high & low temperature alternating test, salty spray test etc. which confirms the good quality of the 4000W UPS inverter.The hybrid 4000W converter equip with different colors shell and plates for your choice which is suitable for the OEM/ODM to your brand.

Product parameter (Specification) of the 4000W pure sine wave inverter with charger

New Series Pure Sine Wave Inverter With Charger

★★★★★ 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 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/input

MODEL		RSC4000P-248
OUTPUT	RATED POWER	4000W
	SURGE POWER	8000W
	AC VOLTAGE	Factory setting set at 220V/230V/240V AC
	FREQUENCY	50Hz
	WAVE FORM	Pure sine wave (THD<3%) at rated input voltage
	AC REGULATION	±10%
	STANDARD RECEPTACLES	Schuko/UK/Australia/Universal/USA/France/JP/Brazile
	FRONT PANEL INDICATOR	Operation and fault status
INPUT	BAT.VOLTAGE	48V
	VOLTAGE RANGE	39.5-63.5VDC
	NO LOAD CURRENT DRAW	<0.85A
	EFFICIENCY	90%
	BATTERY TYPES	Recommend use Open & sealed lead acid battery
AC INPUT	Nominal voltage/Frequency	230V/50Hz
	Input voltage range	180V-260V AC
DC output	charging current range	5A
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℃
	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	Test report No.C 8 1 1 5 2072 ; UL order No.1 3 5 8 2 0 0 7
	REACH	No.:1907/2006
certificate of registration	IATF 16949:2016	111458/A/0001/SM/En
OTHERS	USB port	5V/2.1A
	PACKING(cm)	68*36*27;1pc/CTN,13.6KG

Product feature and application of the 4000W pure sine wave inverter with charger
①. multi-function conversion socket, in line with the requirements of multiple national electrical appliances. ②. 5V 2.1A USB interface More than one mobile phone at the same time leisure, office, entertainment, games and other needs. ③. miniature intelligent ball fan, low noise, high heat dissipation. ④.Car cigarette lighter socket, easy to connect a variety of trucks, cars, large trucks. ⑤. thick double-layer PCB board, more high temperature, voltage, current resistance, product quality, longer life expectancy, quality assurance. ⑥. SMT chip technology, the use of wave soldering technology, product components rugged, shock resistant. ⑦. auto-transfer switch by pass and battery charger function ⑧. protections: Over temperature/over load/short circuit/reverse polarity protection/earth leakage; ⑨. Applications:electrical applications like TV/microwave/washing-machine /air-conditioner /hair dryer /oven; electrical vehicles, truck, yacht, outside portable power source for lighting,
Product Qualification of the 4000W pure sine wave inverter with charger
A. CE Compliance to EN55032 B. RoHS Compliance to EN50581 C. LVD Compliance to EN60950-1 D. E-Mark E13 E. IATF 16949 F. REACH/UL/TUV report