

True Sine Wave Inverter With Led Digital Display-SKD Series

Inverter Expert

SKD1000-1000W

Features:

True sine wave output (THD<2%)

Power ON-OFF remote control

Input & output fully isolation

Load control cooling fan

Advanced microprocessor

Output frequency 50/60Hz switch selectable

Input polarity reverse/under voltage/over voltage protections

Output short circuit/overload/over temperature protections

Tri-color indicators display output load level& failure status.

CE, ROHS, E-mark approved

AC Output Receptacles(optional)



Digital display



A	B	C	D	E	F	G	H	I	J
USA	AUSTRALIA	UNIVERSAL	Europe+USA+Japan	U.K	FRANCE	GERMANY	BRAZIL	ISRAEL	USA-GFCI

SPECIFICATION:

MODEL	SKD1000-121	SKD1000-241	SKD1000-481	SKD1000-122	SKD1000-242	SKD1000-482
AC VOLTAGE	100/110/120VAC			220/230/240VAC		
RATED POWER	1000W					
SURGE POWER	3000W(for few seconds)					
WAVEFORM	True Sine Wave(THD<2%)					
FREQUENCY	50/60Hz ±0.5Hz selectable by DIP switch					
AC REGULATION	±5%					
STANDARD RECEPTACLES	A, B, C, D, E, F, G, H, I, GFCI(optional above)					
USB OUTPUT PORT	5V 2.1A					
LED INDICATOR	A: Output load level: <20%-off, between 20% and 50%-green, <90%-orange, >90%-red; B: Power on- green, protection/failure-red					
DIGITAL DISPLAY	output voltage/output power					
SLEEPING RNODE SETTING (DIP SWITCH)	S4-frequency 50/60Hz, S3-15% output load, S2-10% output load, S1-5% load setting					
NO LOAD CURRENT DRAW	<0.6A	<0.5A	<0.25A	<0.6A	<0.5A	<0.25A
DC VOLTAGE	12V	24V	48V	12V	24V	48V
VOLTAGE RANGE	10.5~15.0VDC	21.0-30.0VDC	42.0-60.0VDC	10.5~15.0VDC	21.0-30.0VDC	42.0-60.0VDC
EFFICIENCY (Typ.)	≥89.0%	≥90.0%	≥90.0%	≥89.0%	≥90.0%	≥90.0%
FUSE	30A*4	15A*4	7.5A*4	30A*4	15A*4	7.5A*4
REMOTE CONTROL	RC60(optional)					
BAT.LOW ALARM	11.0±0.25V DC	22.0±0.5V DC	44.0±1.0V DC	11.0±0.25V DC	22.0±0.5V DC	44.0±1.0V DC
BAT.LOW SHUTDOWN	10.5±0.25V DC	21.0±0.5V DC	42.0±1.0V DC	10.5±0.25V DC	21.0±0.5V DC	42.0±1.0V DC
OVERLOAD	Shutdown					
OVER VOLTAGE	15.5±0.5V DC	31.0±1.0V DC	62.0±2.0V DC	15.5±0.5V DC	31.0±1V DC	62.0±2.0V DC
OVER TEMPRETURE	Shut-off output voltage, recover automatically after temperature goes down					
SHORT CIRCUIT	Shut-off output voltage, restart to recover					
BAT.REVERSE POLARITY	By fuse open					
EARTH LEAKAGE	Yes					
RESET VOLTAGE AFTER LVS	11.8~12.8V DC	23.6~25.6V DC	47.2~51.2V DC	11.8~12.8V DC	23.6~25.6V DC	47.2~51.2V DC
WORKING TEMP.	0-40°C					
WORKING HUMIDITY	20%-90% RH non-condensing					
STORAGE TEMP.& HUMIDITY	-30°C~70°C 22°F-185°F、10-95%					
EMC	Compliance to EMC Directive 2014/30/EU					
LVD	Compliance to LVD Directive 2014/35/EU					
ROHS	Compliance to EU 2015/863 2011/65/EU					
EMARK	Compliance to ECE R10.05:2014					
IEC	Compliance to IEC62368					
DIMENSION(W*H*D)	317*186*90mm					
PACKING	3.2Kgs, 4pcs/13.8Kgs/Ctn(42.5*38*27cm)					
COOLING FAN	Control by load					
APPLICATION	Home and office appliances, Power tools and portable equipments, Vehicle and solar power systemsetc.					

- High Efficiency Turbo Cooling fan
- Universal Protection Circuit
- Compact Design
- L.I.T Low Interference Technology
- New Energy Solution
- Mobile AC Source
- 100% true sine wave output, better than public power.

INSTALLATION

