

True Sine Wave DC to AC Power Inverter - SK Series

Inverter Expert **SK3000-3000W**

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)

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



SPECIFICATION:

MODEL	SK3000-121	SK3000-241	SK3000-481	SK3000-122	SK3000-242	SK3000-482	
OUTPUT	AC VOLTAGE	100/110/120VAC			220/230/240VAC		
	RATED POWER	3000W					
	SURGE POWER	9000W (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 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					
	SLEEPING MODE SETTING (DIP SWITCH)	S4 - frequency 50/60Hz, S3 - 15% output load, S2 - 10% output load, S1 - 5% load setting					
INPUT	NO LOAD CURRENT DRAW	< 1.2A	< 0.7A	< 0.4A	< 1.2A	< 0.4A	
	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*12	15A*12	7.5A*12	30A*12	15A*12	7.5A*12
PROTECTION	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 TEMPERATURE	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						
ENVIRONMENT	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					
SAFETY & EMC	WORKING HUMIDITY	20%~90% RH non-condensing					
	STORAGE TEMP. & HUMIDITY	-30°C~70°C 22° F~185° F, 10~95%					
	SAFETY STANDARDS	UL458 (only for GFCI receptacle)					
	ISOLATION RESISTANCE	I/P-O/P: 1000 Ohms/500VDC					
	EMC	Compliance to EN61000-6-3:2007+A1:2011, EN 6100-6-1:2007					
OTHERS	LVD	Compliance to EN60950-1: 2006+A11:2009 + A1:2010+A12:2011					
	E-MARK	Compliance to E8 10R-05 1512					
	DIMENSION (W*H*D)	426*152*105mm					
PACKING	6Kgs, 2pcs/12Kgs/Ctn (49.2*29*32cm)						
COOLING FAN	Control by load						
APPLICATION	Home and office appliances, Power tools and portable equipments, Vehicle and solar power systemsetc.						

INSTALLATION



- 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.