

# 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 ◀



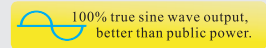
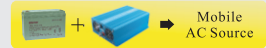
**AC Output Receptacles(optional)**

A	B	C	D	E	F	G	H	I	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 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					
	SLEEPING RNODE 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	<0.7A	<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 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						
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					
	WORKING HUMIDITY	20%-90% RH non-condensing					
SAFETY & EMC	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: 1000Ohms/500VDC					
	EMC	Compliance to EN61000-6-3:2007+A1:2011, EN 6100-6-1:2007					
	LVD	Compliance to EN60950-1: 2006+A11:2009 + A1:2010+A12:2011					
OTHERS	E- MARK	Compliance to E8 10R-03 1272					
	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 systems .....etc.						



INSTALLATION

