

Pure Sine Wave DC to AC Power Inverter - SK Series

Inverter Expert **SK2000-2000W**

Features: ■

Pure 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 ◀

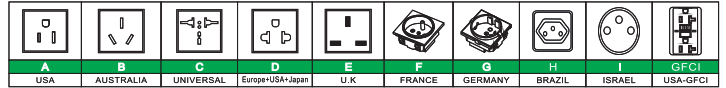
Output short circuit/overload/over temperature protections ◀

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

CE, ROHS, E-mark approved ◀

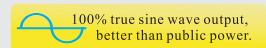


AC Output Receptacles(optional)



■ SPECIFICATION:

MODEL		SK2000-121	SK2000-241	SK2000-481	SK2000-122	SK2000-242	SK2000-482
OUTPUT	AC VOLTAGE	100/110/120VAC			220/230/240VAC		
	RATED POWER	2000W					
	SURGE POWER	6000W(for few seconds)					
	WAVEFORM	Pure 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	<0.8A	<0.5A	<0.3A	<0.8A	<0.5A	<0.3A
	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					
ENVIRONMENT	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℃					
	WORKING HUMIDITY	20%-90% RH non-condensing					
SAFETY & EMC	STORAGE TEMP.& HUMIDITY	-30℃~70℃ 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					
OTHERS	IEC	Compliance to IEC62368					
	DIMENSION(W*H*D)	320*252*105mm					
	PACKING	5.2Kgs, 2pcs/10.5Kgs/Ctn(39*29*32cm)					
	COOLING FAN	Control by load					
APPLICATION	Home and office appliances, Power tools and portable equipments, Vehicle and solar power systemsetc.						



INSTALLATION



TRUE SINE WAVE