

# True Sine Wave Inverter With Led Digital Display-SKD Series

**Inverter Expert**

## SKD3000-3000W

**Features:**



Digital display



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	SKD3000-121	SKD3000-241	SKD3000-481	SKD3000-122	SKD3000-242	SKD3000-482	
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 IN	A: Output load level: <20%-off, between 20% and 50%-green, >90%-red; B: Power on- green, protection/failure-red					
	DIGITAL DISPLAY	output voltage/output power					
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	<0.7A	<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
REMOTE CONTROL	RC60(optional)						
PROTECTION	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					
	WORKING HUMIDITY	20%-90% RH non-condensing					
SAFETY & EMC	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					
OTHERS	IEC	Compliance to IEC62368					
	DIMENSION(W*H*D)	426*252*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

