

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

## Inverter Expert SKD700-700W



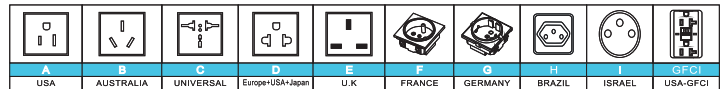
Digital display



### 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)



### SPECIFICATION:

MODEL	SKD700-121	SKD700-241	SKD700-481	SKD700-122	SKD700-242	SKD700-482
OUTPUT	AC VOLTAGE	100/110/120VAC			220/230/240VAC	
	RATED POWER	700W				
	SURGE POWER	2100W(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%-orange, >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	<0.6A	<0.5A	<0.6A	<0.5A	<0.5A
	DC VOLTAGE	12V	24V	12V	24V	24V
	VOLTAGE RANGE	10.5~15.0VDC	21.0-30.0VDC	10.5~15.0VDC	21.0-30.0VDC	21.0-30.0VDC
	EFFICIENCY (Typ.)	≥89.0%	≥90.0%	≥89.0%	≥89.0%	≥90.0%
	FUSE	30A*3	15A*3	30A*3	15A*3	15A*3
PROTECTION	REMOTE CONTROL	RC60(optional)				
	BAT.LOW ALARM	11.0±0.25V DC	22.0±0.5V DC	11.0±0.25V DC	22.0±0.5V DC	22.0±0.5V DC
	BAT.LOW SHUTDOWN	10.5±0.25V DC	21.0±0.5V DC	10.5±0.25V DC	21.0±0.5V DC	21.0±0.5V DC
	OVERLOAD	Shutdown				
	OVER VOLTAGE	15.5±0.5V DC	31.0±1.0V DC	15.5±0.5V DC	31.0±1.0V DC	31.0±1.0V 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	11.8~12.8V DC	23.6~25.6V DC	23.6~25.6V 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)	255*186*90mm				
	PACKING	2.5Kgs, 6pcs/15.9Kgs/Ctn(42.5*32*39.5cm)				
	COOLING FAN	Control by load				
APPLICATION	Home and office appliances, Power tools and portable equipments, Vehicle and solar power systems .....etc.					

- 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

