

# True Sine Wave DC to AC Power Inverter - SK Series

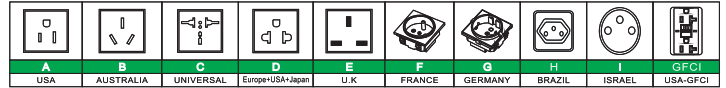
## Inverter Expert **SK700-700W**



### 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		SK700-121	SK700-241	SK700-122	SK700-242
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 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	<0.6A	<0.5A	<0.6A	<0.5A
	DC VOLTAGE	12V	24V	12V	24V
	VOLTAGE RANGE	10.5~15.0VDC	21.0-30.0VDC	10.5~15.0VDC	21.0-30.0VDC
	EFFICIENCY (Typ.)	≥89.0%	≥90.0%	≥89.0%	≥90.0%
	FUSE	30A*3	15A*3	30A*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
	BAT.LOW SHUTDOWN	10.5±0.25V DC	21.0±0.5V D C	10.5±0.25V 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
	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	11.8~12.8V 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%			
	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				
	DIMENSION(W*D*H)	255*186*90mm			
	PACKING				
	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

