

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

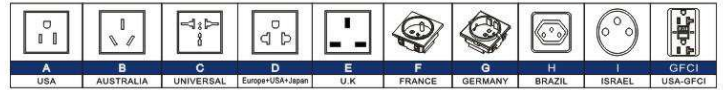
## Inverter Expert **SK700-700W**



**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 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 DC	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 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			
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%			
	ISOLATION RESISTANCE	I/P-O/P: 1000 Ohms/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			
	E-MARK	Compliance to E8 10R-05 1512			
OTHERS	DIMENSION (W*H*D)	255*186*90mm			
	PACKING	2.5Kgs, 6pcs/15.9Kgs/Ctn (42.5*32.4*39.5cm)			
	COOLING FAN	Control by load			
	APPLICATION	Home and office appliances, Power tools and portable equipments, Vehicle and solar power systems ..... etc.			

INSTALLATION



- 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.