

True Sine Wave DC to AC Power Inverter - SK Series

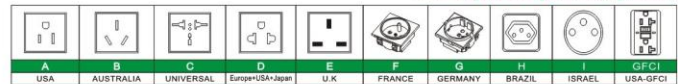
Inverter Expert **SK700-700W**



Features: ■

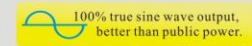
- True sine wave output (THD < 2%) ◀
- Power ON-OFF remote control ◀
- Input & output fully isolation ◀
- Load control cooling fan ◀
- Advanced microprocessor ◀
- Output frequency 50/60Hz switch selectable ◀
- Input polarity reverse/under voltage/over voltage protections ◀
- Output short circuit/overload/over 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
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, > 50% - orange, > 90% - red; B: Power on - green, protection/failure - red			
SLEEPING MODE SETTING (DIP SWITCH)	S4 - frequency 50/60Hz, S3 - 15% output load, S2 - 10% output load, S1 - 5% load setting			
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
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			
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			
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: 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				
DIMENSION (W*H*D)	255*186*90mm			
PACKING				
COOLING FAN	Control by load			
APPLICATION	Home and office appliances, Power tools and portable equipments, Vehicle and solar power systemsetc.			



INSTALLATION

