



1500W Modified Sine Wave DC-AC Power Inverter **A301/302-1K7** series



■ Features :

- 12V or 24V DC input
- Power ON-OFF switch
- Input voltage range: -15% ~ +25%
- Output voltage regulation: ±10%
- Protections: Bat. Low alarm/Bat. Low shutdown/Over voltage/Over temp./Output short/Input polarity reverse/Over load.
- Output waveform: Modified sine wave
- Cooling fan ON-OFF control
- ON/OFF remote control(Optional)
- Approvals: E13/ EAC / CE
- 1 year warranty



SPECIFICATION

ORDER NO.	A301-1K7-B2	A301-1K7-F3	A302-1K7-B2	A302-1K7-F3	
OUTPUT	SAFETY MODEL NO.		A301-1K7		
	AC VOLTAGE		110V	230V	
	RATED POWER		1500W		
	PEAK POWER		1700W 30min.		
	SURGE POWER		3000W		
	WAVEFORM		Modified Sine Wave		
	FREQUENCY		60Hz±1%	50Hz±1%	60Hz±1%
	AC REGULATION		±10%		
	STANDARD RECEPTACLES		TYPE-2* 3ea	TYPE-3* 2ea	TYPE-2* 3ea
LED INDICATOR					Green LED for power on; Red LED for power failure status
INPUT	DC CURRENT		170A		
	NO LOAD CURRENT DRAW		0.6A		
	DC VOLTAGE		12V		
	VOLTAGE RANGE		10 ~ 15VDC		
	EFFICIENCY (Typ.)		82%		
	DC CONNECTOR		1000mm R type terminal		
	FUSE		30A*10		
PROTECTION	BAT. LOW ALARM		10±0.5V		
	BAT. LOW SHUTDOWN		9.5±0.5V		
	OVER LOAD		>1700W shut down o/p voltage, re-power on to recover		
	OVER VOLTAGE		15 ~ 16V		
	OVER TEMPERATURE		60±5°C / 140±9°F		
	OUTPUT SHORT		Shut-off		
BAT. POLARITY		By fuse open			
ENVIRONMENT	WORKING TEMP.				0 ~ 30°C @ 100% load, 40°C @ 70% load
	WORKING HUMIDITY				20% ~ 90% RH non-condensing
	STORAGE TEMP., HUMIDITY				-30 ~ +70°C / -22 ~ +158°F, 10 ~ 95% RH
	TEMP. COEFFICIENT				±0.05% / °C (0 ~ 50°C)
SAFETY & EMC	SAFETY STANDARDS				EAC TP TC 004 approved
	ISOLATION RESISTANCE				I/P-O/P:100M Ohms / 500VDC / 25°C / 70% RH
	EMI RADIATION				Compliance to EN55014-1, EAC TP TC 020
	EMS IMMUNITY				Compliance to EN55014-2, IEC61000-4-2,3, EAC TP TC 020
OTHERS	LVD				Compliance to EN60950-1
	MTBF				86852Khrs min. MIL-HDBK-217F (25°C)
	DIMENSION				455*210*85mm (L*W*H)
	PACKING				5.5kg; 3pcs / 19.6kg / CARTON
	COOLING				>40°C (NTC) fan on
APPLICATIONS				Home appliance, Power tools, Office and Portable equipment and Vehicle ...etc.	

■ AC Output Receptacles (optional)





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Mechanical Specification

Unit:mm

