



1500W Modified Sine Wave DC-AC Power Inverter **A-301/302-1K7** 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/ CE
- 1 year warranty



SPECIFICATION

ORDER NO.	A301-1K7-B2	A301-1K7-F3	A302-1K7-B2	A302-1K7-F3	
OUTPUT	SAFETY MODEL NO. A-1700W				
	AC VOLTAGE	110V	230V	110V	230V
	RATED POWER	1500W			
	PEAK POWER	1700W 30min.			
	SURGE POWER	3000W			
	WAVEFORM	Modified Sine Wave			
	FREQUENCY	60Hz±1%	50Hz±1%	60Hz±1%	50Hz±1%
	AC REGULATION	±10%		±10%	
	STANDARD RECEPTACLES	TYPE-2* 3ea	TYPE-3* 2ea	TYPE-2* 3ea	TYPE-3* 2ea
LED INDICATOR	Green LED for power on; Red LED for power failure status				
INPUT	DC CURRENT		170A	85A	
	NO LOAD CURRENT DRAW		0.6A	0.36A	
	DC VOLTAGE		12V	24V	
	VOLTAGE RANGE		10 ~ 15VDC	21 ~ 30VDC	
	EFFICIENCY (Typ.)		82%	85%	
	DC CONNECTOR		1000mm R type terminal	1000mm R type terminal	
	FUSE		30A*10	20A*10	
PROTECTION	BAT. LOW ALARM		10±0.5V	21±0.8V	
	BAT. LOW SHUTDOWN		9.5±0.5V	20±0.8V	
	OVER LOAD >1700W shut down o/p voltage, re-power on to recover				
	OVER VOLTAGE		15 ~ 16V	29 ~ 31V	
	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	ISOLATION RESISTANCE I/P-O/P:100M Ohms / 500VDC / 25°C / 70% RH				
	EMI CONDUCTION & RADIATION Compliance to EN55022 class B, 72/ 245/ CEE, 95/ 54/ CE				
	EMS IMMUNITY Compliance to EN61000-4-2,3				
LVD Compliance to EN60950					
OTHERS	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)

TYPE-1	TYPE-2	TYPE-3	TYPE-4	TYPE-5	TYPE-6
JAPAN	USA	EUROPE	UNIVERSAL	AUSTRALIA	U.K



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■ Mechanical Specification

Unit:mm

