



■ 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 shout/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	
	RATED POWER 1500W			
	PEAK POWER 1700W 30min.			
	SURGE POWER 3000W			
	WAVEFORM Modified Sine Wave			
	FREQUENCY 60Hz±1%		50Hz±1%	
	AC REGULATION ±10%		±10%	
	RECEPTACLES TYPE-2* 2ea		TYPE-3* 1ea	
LED INDICATOR Green LED for power on; Red LED for power failure status				
INPUT	DC CURRENT 170A		85A	
	NO LOAD CURRENT DRAW 0.6A		0.28A	
	DC VOLTAGE 12V		24V	
	VOLTAGE RANGE 10 ~ 15VDC		20 ~ 30VDC	
	EFFICIENCY (Typ.) 82%		85%	
	DC CONNECTOR R type terminal		R type terminal	
	FUSE 30A*10		15A*8	
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 ~ +40°C (Refer to output load derating curve)			
	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			
	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 458*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
USA	USA	EUROPE	UNIVERSAL	AUSTRALIA	U.K

■ Mechanical Specification

