



■ 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
- Topology: Microprocessor
- Approvals: e13/ CE
- 1 year warranty



SPECIFICATION

ORDER NO.	A301-600-B2	A301-600-F3	A302-600-B2	A302-600-F3
OUTPUT	SAFETY MODEL NO. A-300-600W			
	AC VOLTAGE 110V		230V	
	RATED POWER 600W			
	SURGE POWER 1200W			
	WAVEFORM Modified Sine Wave			
	FREQUENCY 60Hz±1%		50Hz±1%	
	AC REGULATION ±10%		±10%	
	STANDARD RECEPTACLES TYPE-2* 2ea		TYPE-3* 1ea	
LED INDICATOR Green LED for power on; Red LED for power failure status				
INPUT	DC CURRENT 60A		30A	
	NO LOAD CURRENT DRAW 0.5A		0.6A	
	DC VOLTAGE 12V		24V	
	VOLTAGE RANGE 10 ~ 15VDC		21 ~ 30VDC	
	EFFICIENCY (Typ.) 82%		85%	
	DC CONNECTOR 900mm Battery clip*1ea		900mm Battery clip*1ea	
	FUSE 25 A * 3ea		20 A * 3ea	
PROTECTION	BAT. LOW ALARM 10±0.5V		19±0.8V	
	BAT. LOW SHUTDOWN 9.5±0.5V		18±0.8V	
	OVER LOAD >750W shut down o/p voltage, re-power on to recover			
	OVER VOLTAGE 15 ~ 17V		30 ~ 32V	
	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 @ 50% 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 min./ 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 100Khrs min. MIL-HDBK-217F(25°C)			
	DIMENSION 210*173*65mm (L*W*H)			
	PACKING 2.1kg ; 8pcs / 20kg / CARTON			
	COOLING by fan, >50% load 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

■ Mechanical Specification

