



- 12V or 24V DC input
- Power ON-OFF switch
- Input voltage range: -15% ~ +25%
- Output voltage regulation: ±10%
- Output waveform: square wave
- Protections: Bat. Low alarm/bat. Low shutdown/over voltage/over temp. /output shout/input polarity reverse/over load.
- 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	110V	230V
	RATED POWER	600W			
	SURGE POWER	1200W			
	WAVEFORM	Square wave			
	FREQUENCY	60Hz±1%	50Hz±1%	60Hz±1%	50Hz±1%
	AC REGULATION	±10%		±10%	
	RECEPTACLES	TYPE-2* 2ea	TYPE-3* 1ea	TYPE-2* 2ea	TYPE-3* 1ea
LED INDICATOR	Green LED for power on; Red LED for power status				
INPUT	DC CURRENT	60A		30A	
	NO LOAD CURRENT DRAW	0.5A	0.6A	0.35A	0.38A
	DC VOLTAGE	12V		24V	
	VOLTAGE RANGE	10 ~ 15VDC		20 ~ 30VDC	
	EFFICIENCY (Typ.)	82%		85%	
	DC CONNECTOR	Battery clip*1ea		Battery clip*1ea	
	FUSE	25A * 3ea		20A * 2ea	
PROTECTION	BAT. LOW ALARM	10.5±0.5V		21±1V	
	BAT. LOW SHUTDOWN	10±0.5V		20±1V	
	OVER VOLTAGE	15~17V		30~32V	
	OVER TEMPERATURE	60±5°C / 140±18°F			
	OUTPUT SHORT	Shut-off			
	BAT. POLARITY	By fuse open			
ENVIRONMENT	WORKING TEMP., HUMIDITY	0 ~ +30°C @100% load, 40°C @ 50% load, 20% ~ 90% RH non-condensing			
	STORAGE TEMP., HUMIDITY	-20~+85°C, 10~95% RH			
	TEMP. COEFFICIENT	±0.05%/°C (0~50°C)			
	VIBRATION	10~500Hz, 2G 10min./1cycle, period for 60min. each along X, Y, Z axes			
SAFETY & EMC	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			
	ISOLATION RESISTANCE	I/P-O/P:100M Ohms min.@ 500VDC			
OTHERS	MTBF	100Khrs min. MIL-HDBK-217F Part-count GB			
	COOLING	by fan, >50% load fan on			
	DIMENSION	210*173*65mm (L*W*H)			
	PACKING	2.1kg / piece; 8pcs / 20kg / CARTON			
	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