



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

ORDER NO		A301-600-12	A301-600 -24
OUTPUT	SAFETY MODEL NO	A-300-600W	
	AC VOLTAGE	230V	230V
	RATED POWER	600W	
	SURGE POWER	1200W	
	WAVEFORM	Modified Sine Wave	
	FREQUENCY	50Hz + 1%	50Hz +1%
	AC REGULATION	10%	
	STANDARD RECEPTACLES	TYPE-3* 1ea	TYPE-3* 1ea
	LED INDICATOR	Green LED for power on; Red LED for power failure status	
	INPUT	DC CURRENT	60A
NO LOAD CURRENT DRAW		0.6A	0.38A
DC VOLTAGE		12V	24V
VOLTAGE RANGE		10 - 15V DC	20 - 30V DC
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	21+ 1V
	BAT. LOW SHUTDOWN	9.5+ 0.5V	20+ 1V
	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	
ENVIRONMENT	BAT. POLARITY	By fuse open	
	WORKING TEMP.	0 ~ + 40, C	
	WORKING HUMIDITY	20% ~ 90% RH non-condensing	
	STORAGE TEMP., HUMIDITY	30+70 °C / -22~+158 ° F, 10~95% RH	
SAFETY & EMC	TEMP. COEFFICIENT	+0.05% / °C (0~50 °C)	
	ISOLATION RESISTANCE	I/P-O/P:100M Ohms/ 500VDC	
	EMI CONDUCTION & RADIATION	Compliance to EN55022 class B, 72/ 245/ CEE, 95/ 54/ CE	
OTHERS	EMS IMMUNITY	Compliance to EN61000-4-2,3	
	LVD	Compliance to EN60950	
	MTBF	200Khrs 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)

