



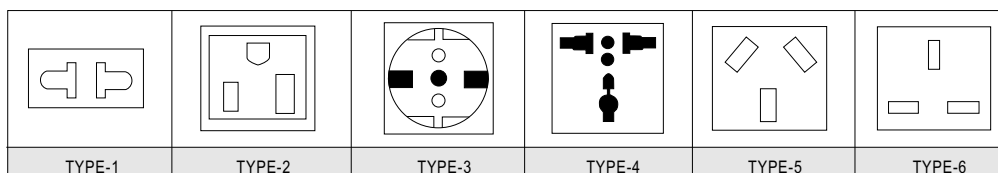
- 12V or 24V DC input
- Input voltage range: -15% ~ +25%
- Output voltage regulation: ±10%
- Protections: Bat. Low alarm/bat. Low shutdown/over voltage/over temp. /output shout/input polarity reverse/over load.
- Output waveform:square wave
- Topology:micro controller
- Applications: Notebook, Radio, TV, VCR, Lamps, Fans
- Approvals: e13/ CE(LVD)
- 1 year warranty



SPECIFICATION

ORDER NO.	A301-150-F3	A302-150-F3	
OUTPUT	SAFETY MODEL NO.	A-300-150W	A-300-150W
	AC VOLTAGE	230V	230V
	RATED POWER	150W	150W
	SURGE POWER	300W	300W
	WAVEFORM	Square wave	Square wave
	FREQUENCY	50Hz	50Hz
	AC REGULATION	±10%	±10%
RECEPTACLES	Type 3	Type 3	
INPUT	DC CURRENT	15A	8A
	NO LOAD CURRENT DRAW	0.25A	0.2A
	DC VOLTAGE	12V	24V
	VOLTAGE RANGE	10 ~ 15VDC	20 ~ 30VDC
	EFFICIENCY (Typ.)	85%	85%
	DC CONNECTOR	Cigarette plug*1ea	Cigarette plug*1ea
	FUSE	15A* 1ea	10A* 1ea
PROTECTION	BAT. LOW ALARM	10.5±0.5V	21±1V
	BAT. LOW SHUTDOWN	10±0.5V	20±1V
	OVER VOLTAGE	15~17V	30~34V
	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 EN55014, EN55022	
	EMS IMMUNITY	Compliance to EN55014-2, EN61000-4-2,3	
	ISOLATION RESISTANCE	I/P-O/P:100M Ohms min.@ 500VDC	
OTHERS	MTBF	200Khrs min. MIL-HDBK-217F Part-count GB	
	COOLING	By air convection	
	DIMENSION	165*90*70mm (L*W*H)	
	PACKING	0.8kg / piece	
APPLICATIONS	POWER TOOL	Glue Gun, Buffer, Moto Tool, Rotary Power Tool, Soldering Gun, Sewing Machine	
	AUDIO / VIDEO	HIFI Stereo 4-head VCR, CD Charger, color TV / Radio / Cass.	
	HOME OFFICE	Satellite, Notebook, Lamps, Fans	

■ AC Output Receptacles (optional)





- 12V or 24V DC input
- 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:square wave
- Topology:micro controller
- Applications: Notebook, Radio, TV, VCR, Lamps, Fans
- Approvals: e13/ CE(LVD)
- 1 year warranty



SPECIFICATION

ORDER NO.	A301-150-B2	A302-150-B2	
OUTPUT	SAFETY MODEL NO.	A-300-150W	A-300-150W
	AC VOLTAGE	110V	110V
	RATED POWER	150W	150W
	SURGE POWER	300W	300W
	WAVEFORM	Square wave	Square wave
	FREQUENCY	60Hz	60Hz
	AC REGULATION	±10%	±10%
RECEPTACLES	Type 2	Type 2	
INPUT	DC CURRENT	15A	8A
	NO LOAD CURRENT DRAW	0.25A	0.2A
	DC VOLTAGE	12V	24V
	VOLTAGE RANGE	10 ~ 15VDC	20 ~ 30VDC
	EFFICIENCY (Typ.)	85%	85%
	DC CONNECTOR	Cigarette plug*1ea	Cigarette plug*1ea
	FUSE	15A* 1ea	10A* 1ea
PROTECTION	BAT. LOW ALARM	10.5±0.5V	21±1V
	BAT. LOW SHUTDOWN	10±0.5V	20±1V
	OVER VOLTAGE	15~17V	30~34V
	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 EN55014, EN55022	
	EMS IMMUNITY	Compliance to EN55014-2, EN61000-4-2,3	
	ISOLATION RESISTANCE	I/P-O/P:100M Ohms min.@ 500VDC	
OTHERS	MTBF	200Khrs min. MIL-HDBK-217F Part-count GB	
	COOLING	By air convection	
	DIMENSION	122*73*45mm (L*W*H)	
	PACKING	0.5kg / piece	
APPLICATIONS	POWER TOOL	Glue Gun, Buffer, Moto Tool, Rotary Power Tool, Soldering Gun, Sewing Machine	
	AUDIO / VIDEO	HIFI Stereo 4-head VCR, CD Charger, color TV / Radio / Cass.	
	HOME OFFICE	Satellite, Notebook, Lamps, Fans	

■ AC Output Receptacles (optional)

