150W Modified Sine Wave DC-AC Power Inverter A-301/302-150 series

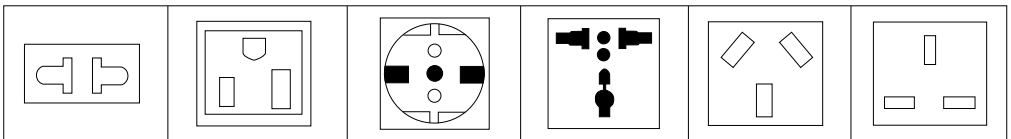
■ Features :

- 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
- Topology: Microprocessor
- Approvals: e13/ CE
- 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	Modified Sine Wave	Modified sine wave
	FREQUENCY	50Hz±1%	50Hz±1%
	AC REGULATION	±10%	±10%
	RECEPTACLES	TYPE-3* 1ea	TYPE-3* 1ea
	LED INDICATOR	Dual-color indicators display for power on / failure status	
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.)	78%	82%
	DC CONNECTOR	Cigarette plug*1ea	Cigarette plug*1ea
	FUSE	15A* 1ea	10A* 1ea
PROTECTION	BAT. LOW ALARM	10±0.5V	20.5±1V
	BAT. LOW SHUTDOWN	9.5±0.5V	19.5±1V
	OVER VOLTAGE	15~17V	30~32V
	OVER TEMPERATURE	60±5℃ / 140±9°F	
	OUTPUT SHORT	Shut-off	
	BAT. POLARITY	By fuse open	
ENVIRONMENT	WORKING TEMP.	0 ~ +30℃@100% load, 40℃@ 50% load	
	WORKING HUMIDITY	20% ~ 90% RH non-condensing	
	STORAGE TEMP., HUMIDITY	-30~+70℃ / -22~+158°F, 10~95% RH	
	TEMP. COEFFICIENT	±0.05% / ℃ (0~50℃)	
SAFETY & EMC	ISOLATION RESISTANCE	I/P-O/P:100M Ohms min./ 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	200Khrs min. MIL-HDBK-217F (25℃)	
	DIMENSION	165*90*70mm (L*W*H)	
	PACKING	0.8kg ; 20pcs / 15kg / CARTON	
	COOLING	By air convection	
	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

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- Power ON-OFF switch
- Input voltage range: -15% ~ +25%
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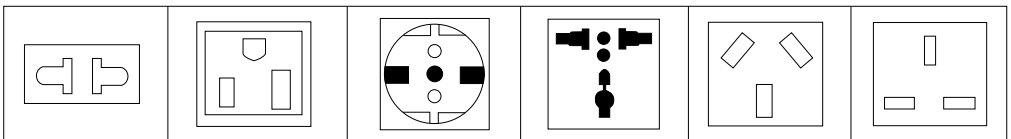
- Output waveform: Modified sine wave
- Topology: Microprocessor
- Approvals: e13/ CE
- 1 year warranty

e 13 CE EMC tested LVD tested

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	Modified Sine Wave	Modified sine wave
	FREQUENCY	60Hz±1%	60Hz±1%
	AC REGULATION	±10%	±10%
	RECEPTACLES	TYPE-2* 1ea	TYPE-2* 1ea
	LED INDICATOR	Green LED for power on; Red LED for power failure status	
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.)	78%	82%
	DC CONNECTOR	Cigarette plug*1ea	Cigarette plug*1ea
	FUSE	15A* 1ea	10A* 1ea
PROTECTION	BAT. LOW ALARM	10±0.5V	20.5±1V
	BAT. LOW SHUTDOWN	9.5±0.5V	19.5±1V
	OVER VOLTAGE	15~17V	30~32V
	OVER TEMPERATURE	60±5℃ / 140±9°F	
	OUTPUT SHORT	Shut-off	
	BAT. POLARITY	By fuse open	
ENVIRONMENT	WORKING TEMP.	0 ~ +30℃@100% load, 40℃@ 50% load	
	WORKING HUMIDITY	20% ~ 90% RH non-condensing	
	STORAGE TEMP., HUMIDITY	-30~+70℃ / -22~+158°F, 10~95% RH	
	TEMP. COEFFICIENT	±0.05% / ℃ (0~50℃)	
SAFETY & EMC	ISOLATION RESISTANCE	I/P-O/P:100M Ohms min./ 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	200Khrs min. MIL-HDBK-217F(25℃)	
	DIMENSION	122*73*45mm (L*W*H)	
	PACKING	0.5kg ; 30pcs / 17kg / CARTON	
	COOLING	By air convection	
	APPLICATIONS	Home appliance, Power tools, Office and Portable equipment and Vehicle ...etc.	

■ AC Output Receptacles (optional)



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