imall

Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from, Europe, America and south Asia, supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts, Customers Priority, Honest Operation, and Considerate Service", our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip, ALPS, ROHM, Xilinx, Pulse, ON, Everlight and Freescale. Main products comprise IC, Modules, Potentiometer, IC Socket, Relay, Connector. Our parts cover such applications as commercial, industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

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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 short/Input polarity reverse/Over load.
- Output waveform: Modified sine wave
- Topology: Microprocessor
- Approvals: e13/ CE
- 1 year warranty

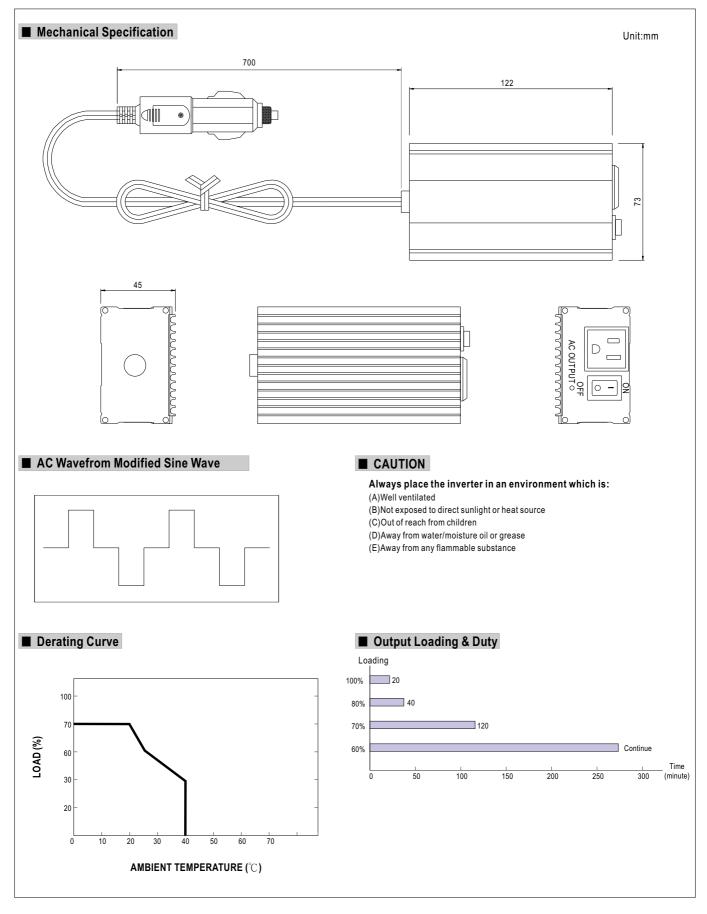


SPECIFICATION

OUTPUT OUTPUT OUTPUT FR AC ST ILE INPUT FC DC FU PROTECTION OV OU BA WC WC	AFETY MODEL NO. C VOLTAGE ATED POWER URGE POWER /AVEFORM REQUENCY C REGULATION TANDARD RECEPTACLES ED INDICATOR C CURRENT O LOAD CURRENT DRAW C VOLTAGE OLTAGE RANGE FFICIENCY (Typ.)	A301-150-B2 A-300-150W 110V 150W 300W Modified sine wave 60Hz±1% ±10% TYPE-2* 1ea Green LED for power on 15A 0.25A 12V	A302-150-B2 A-300-150W 110V 150W 300W Modified sine wave 60Hz±1% ±10% TYPE-2* 1ea 10A 0.2A	
OUTPUT OUTPUT OUTPUT FR AC ST ILE INPUT FC DC FU PROTECTION OV OU BA WC WC	C VOLTAGE ATED POWER URGE POWER AVEFORM REQUENCY C REGULATION TANDARD RECEPTACLES ED INDICATOR C CURRENT O LOAD CURRENT DRAW C VOLTAGE OLTAGE RANGE	110V 150W 300W Modified sine wave 60Hz±1% ±10% TYPE-2* 1ea Green LED for power on 15A 0.25A 12V	110V 150W 300W Modified sine wave 60Hz±1% ±10% TYPE-2* 1ea 10A	
OUTPUT OUTPUT	ATED POWER URGE POWER /AVEFORM REQUENCY C REGULATION TANDARD RECEPTACLES ED INDICATOR C CURRENT O LOAD CURRENT DRAW C VOLTAGE OLTAGE RANGE	150W 300W Modified sine wave 60Hz±1% ±10% TYPE-2* 1ea Green LED for power on 15A 0.25A 12V	150W 300W Modified sine wave 60Hz±1% ±10% TYPE-2* 1ea 10A	
OUTPUT OUTPUT FR AC ST EF DC DC DC FU DC FU DC OV OV OV OV OV OV OV OV OV OV	URGE POWER (AVEFORM REQUENCY C REGULATION TANDARD RECEPTACLES ED INDICATOR C CURRENT O LOAD CURRENT DRAW C VOLTAGE OLTAGE RANGE	300W Modified sine wave 60Hz±1% ±10% TYPE-2* 1ea Green LED for power on 15A 0.25A 12V	300W Modified sine wave 60Hz±1% ±10% TYPE-2* 1ea 10A	
DUTPUT WA FR AC ST. LE DC NOU DC NOU EF DC FU BA BA PROTECTION OV OV OU BA	AVEFORM REQUENCY C REGULATION TANDARD RECEPTACLES ED INDICATOR C CURRENT O LOAD CURRENT DRAW C VOLTAGE OLTAGE RANGE	Modified sine wave 60Hz±1% ±10% TYPE-2* 1ea Green LED for power on 15A 0.25A 12V	Modified sine wave 60Hz±1% ±10% TYPE-2* 1ea 10A	
PROTECTION OV OU BA	REQUENCY C REGULATION TANDARD RECEPTACLES ED INDICATOR C CURRENT O LOAD CURRENT DRAW C VOLTAGE OLTAGE RANGE	60Hz±1% ±10% TYPE-2* 1ea Green LED for power on 15A 0.25A 12V	60Hz±1% ±10% TYPE-2*1ea 10A	
AC ST. LE DC NO DC NO CC EF DC FU BA BA BA OV OV OU BA	C REGULATION TANDARD RECEPTACLES ED INDICATOR C CURRENT O LOAD CURRENT DRAW C VOLTAGE OLTAGE RANGE	±10% TYPE-2* 1ea Green LED for power on 15A 0.25A 12V	±10% TYPE-2* 1ea 10A	
PROTECTION OV OU BA	TANDARD RECEPTACLES ED INDICATOR C CURRENT O LOAD CURRENT DRAW C VOLTAGE OLTAGE RANGE	TYPE-2* 1ea Green LED for power on 15A 0.25A 12V	TYPE-2* 1ea	
PROTECTION OV OV OV OV OV OV OV OV OV OV OV OV OV O	ED INDICATOR C CURRENT O LOAD CURRENT DRAW C VOLTAGE OLTAGE RANGE	Green LED for power on 15A 0.25A 12V	10A	
PROTECTION PROTECTION	C CURRENT O LOAD CURRENT DRAW C VOLTAGE OLTAGE RANGE	15A 0.25A 12V		
PROTECTION OV BA PROTECTION OV BA WC WC WC WC WC WC WC WC WC WC WC WC WC	O LOAD CURRENT DRAW C VOLTAGE OLTAGE RANGE	0.25A 12V		
NPUT VO EF DC FU BA PROTECTION OV OU BA	C VOLTAGE OLTAGE RANGE	12V	0.2A	
NPUT VO EF DC FU BA PROTECTION OV OU BA	OLTAGE RANGE			
PROTECTION OV OU BA WC OV OV OV OV OV OV OV OV OV OV OV OV OV			24V	
PROTECTION OV BA WC OV OV OV OV OV OV OV OV OV OV OV OV OV	FFICIENCY (Typ.)	10 ~ 15VDC	21 ~ 30VDC	
PROTECTION BA OV OV OU BA WC WC		78%	82%	
PROTECTION OV OU BA WC WC	C CONNECTOR	700mm Cigarette plug*1ea	700mm Cigarette plug*1ea	
PROTECTION OV OU BA WC	USE	15A* 1ea	10A* 1ea	
	AT. LOW ALARM	10±0.5V	20.5±1V	
	AT. LOW SHUTDOWN	9.5±0.5V	19.5±1V	
OV OU BA WC	VER VOLTAGE	15 ~ 17V	30~32V	
BA WC WC	VER TEMPERATURE	60±5℃ / 140±9°F		
wo	UTPUT SHORT	Shut-off; Broken		
wo	AT. POLARITY	By fuse open		
wo	ORKING TEMP.	0 ~ 30°C@100% load, 40°C@50% load		
	ORKING HUMIDITY	20% ~ 90% RH non-condensing		
ENVIRONMENT ST	TORAGE TEMP., HUMIDITY	-30 ~ +70°C / -22 ~ +158°F, 10 ~ 95% RH		
TE	EMP. COEFFICIENT	±0.05% / °C (0 ~ 50°C)		
ISC	OLATION RESISTANCE	I/P-O/P:100M Ohms / 500VDC / 25°C / 70% RH		
SAFETY & EM	MI CONDUCTION & RADIATION	Compliance to EN55022 class B, 72/ 245/ CEE, 95/ 54/ CE		
EMC EM	MS IMMUNITY	Compliance to EN61000-4-2,3		
LV	VD	Compliance to EN60950		
МТ	TBF	200Khrs min. MIL-HDBK-217F(25°C)		
DI	IMENSION	122*73*45mm (L*W*H)		
OTHERS PA	ACKING	0.5Kg ; 30pcs / 17Kg / CARTON		
co	OOLING	By air convection		
AP	PPLICATIONS	Home appliance, Power tools, Office and Portable equipment a	nd Vehicleetc.	
	PPLICATIONS put Receptacles (opti	Home appliance, Power tools, Office and Portable equipment a	Ind Vehicleetc.	



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





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- Power ON-OFF switch
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- Protections: Bat. Low alarm/Bat. Low shutdown/Over voltage/ Over temp./Output short/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%
	STANDARD RECEPTACLES	TYPE-3* 1ea	TYPE-3* 1ea
	LED INDICATOR	Dual-color indicators display for power on / failure status	
INPUT	DC CURRENT	15A	10A
	NO LOAD CURRENT DRAW	0.25A	0.2A
	DC VOLTAGE	12V	24V
	VOLTAGE RANGE	10~15VDC	21 ~ 30VDC
	EFFICIENCY (Typ.)	78%	82%
	DC CONNECTOR	700mm Cigarette plug*1ea	700mm 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°C / 140±9°F	
	OUTPUT SHORT	Shut-off	
	BAT. POLARITY	By fuse open	
	WORKING TEMP.	0 ~ +30°C @100% load, 40°C @ 50% load	
	WORKING HUMIDITY	20% ~ 90% RH non-condensing	
ENVIRONMENT	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	200Khrs min. MIL-HDBK-217F (25°C)	
	DIMENSION	165*94*69mm (L*W*H)	
	PACKING	0.8Kg ; 20pcs / 15Kg / CARTON	
	COOLING	By air convection	
	APPLICATIONS	Home appliance, Power tools, Office and Portable equipment a	nd Vehicleetc.
	utput Receptacles (opti	onal)	

