300W Modified Sine Wave DC-AC Power Inverter A301/302-300 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
- Cooling fan ON-OFF control
- Topology: Microprocessor
- Approvals: E13 / EAC / CE / UKCA
- 1 year warranty

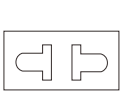
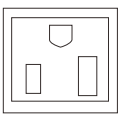
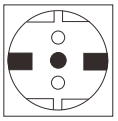
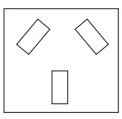
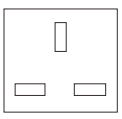
GTIN CODE

MW Search: https://www.meanwell.com/serviceGTIN.aspx

SPECIFICATION

ORDER NO.		A301-300-B2	A301-300-F3	A302-300-B2	A302-300-F3
OUTPUT	SAFETY MODEL NO.	A301-300		A302-300	
	AC VOLTAGE	110V	230V	110V	230V
	RATED POWER	300W			
	SURGE POWER	600W			
	WAVEFORM	Modified Sine Wave			
	FREQUENCY	60Hz±1%	50Hz±1%	60Hz±1%	50Hz±1%
	AC REGULATION	±10%		±10%	
	STANDARD RECEPTACLES	TYPE-2* 2ea	TYPE-3* 1ea	TYPE-2* 2ea	TYPE-3* 1ea
	LED INDICATOR	Green LED for power on; Red LED for power failure status			
INPUT	DC CURRENT	35A		15A	
	NO LOAD CURRENT DRAW	0.36A		0.2A	
	DC VOLTAGE	12V		24V	
	VOLTAGE RANGE	10 ~ 15VDC		21 ~ 30VDC	
	EFFICIENCY (Typ.)	82%		85%	
	DC CONNECTOR	Cigarette plug*1ea, Battery clip*1ea		Cigarette plug*1ea, Battery clip*1ea	
	FUSE	Battery cord 35 A * 1, Cigarette plug 15 A* 1		Battery cord 20 A * 1, Cigarette plug 10 A* 1	
PROTECTION	BAT. LOW ALARM	10±0.5V		20±0.8V	
	BAT. LOW SHUTDOWN	9.5±0.5V		19.5±0.8V	
	OVER VOLTAGE	15 ~ 17V		30 ~ 32V	
	OVER TEMPERATURE	45±5℃/ 113±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	SAFETY STANDARDS	EAC TP TC 004 approved			
	ISOLATION RESISTANCE	I/P-O/P:100M Ohms / 500VDC / 25℃/ 70% RH			
	EMI RADIATION	Compliance to BS EN/EN55014-1, EAC TP TC 020			
	EMS IMMUNITY	Compliance to BS EN/EN55014-2, IEC61000-4-2,3, EAC TP TC 020			
	LVD	Compliance to BS EN/EN62368-1			
OTHERS	MTBF	200Khrs min. MIL-HDBK-217F (25℃)			
	DIMENSION	165*88*74mm (L*W*H)			
	PACKING	1.1kg ; 16pcs / 19kg / CARTON			
	COOLING	>100W or >40℃ (NTC) fan on			
	APPLICATIONS	Home appliance, Power tools, Office and Portable equipment and Vehicle ...etc.			

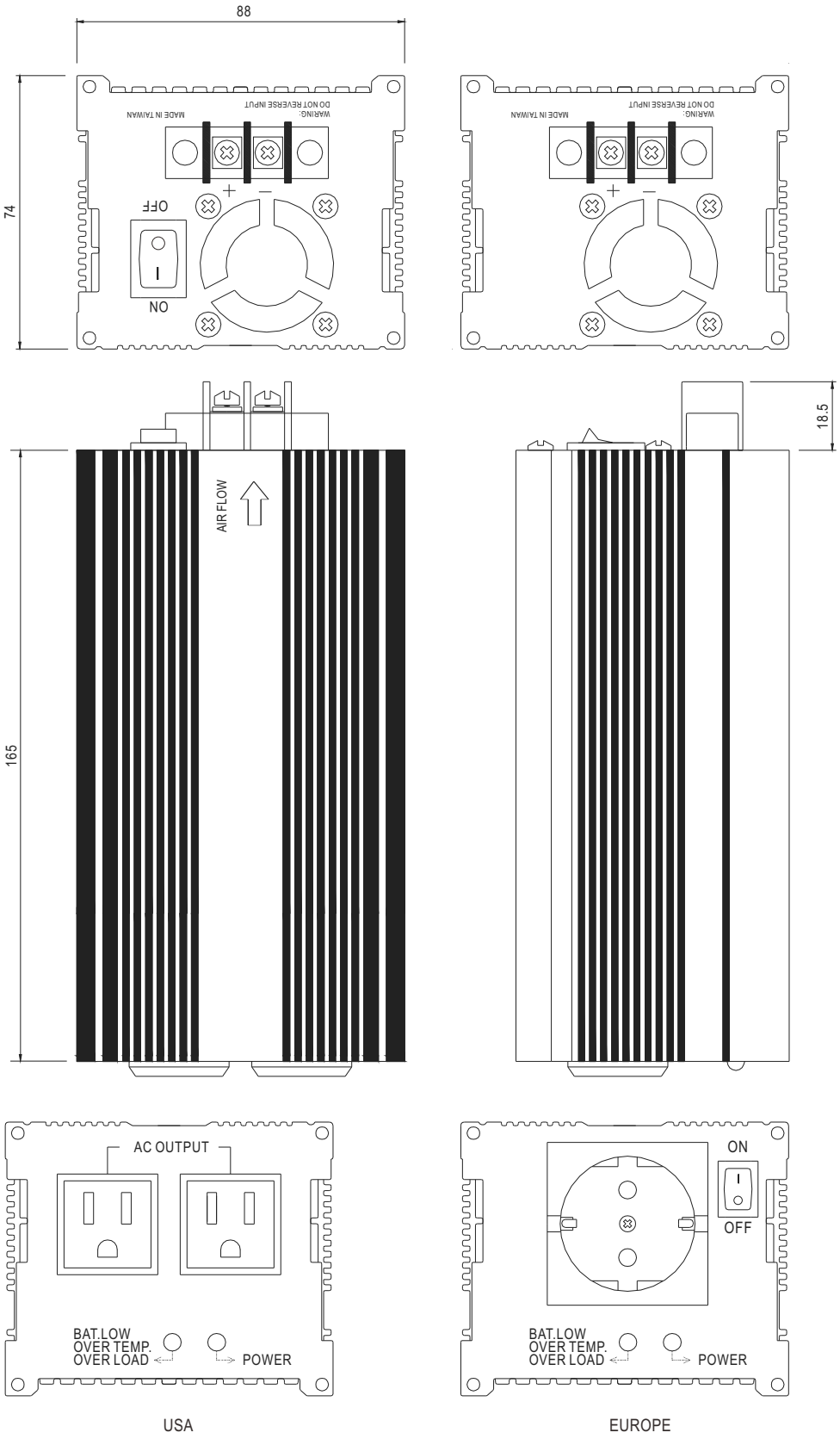
AC Output Receptacles (optional)

					
TYPE-1	TYPE-2	TYPE-3	TYPE-4	TYPE-5	TYPE-6
JAPAN	USA	EUROPE	UNIVERSAL	AUSTRALIA	U.K

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■ Mechanical Specification

Unit:mm



USA EUROPE

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