1000W Modified Sine Wave DC-AC Power Inverter A301/302-1K0 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
- ON/OFF remote control(Optional/Order No.: RC-1700)
- Approvals: E13/ EAC / CE / UKCA
- 1 year warranty

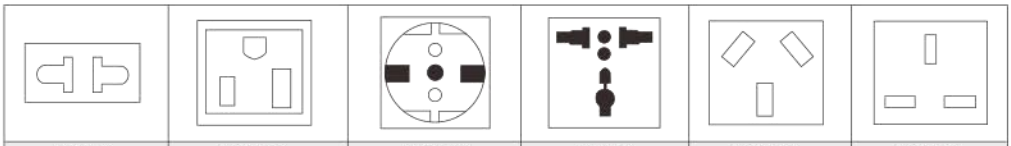
GTIN CODE

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

SPECIFICATION

ORDER NO.		A301-1K0-B2	A301-1K0-F3	A302-1K0-B2	A302-1K0-F3
OUTPUT	SAFETY MODEL NO.	A301-1K0		A302-1K0	
	AC VOLTAGE	110V	230V	110V	230V
	RATED POWER	1000W			
	PEAK POWER	1200W<30min.			
	SURGE POWER	2400W			
	WAVEFORM	Modified Sine Wave			
	FREQUENCY	60Hz±1%	50Hz±1%	60Hz±1%	50Hz±1%
	AC REGULATION	±10%		±10%	
	STANDARD RECEPTACLES	TYPE-2* 3ea	TYPE-3* 2ea	TYPE-2* 3ea	TYPE-3* 2ea
	LED INDICATOR	Green LED for power on; Yellow LED for O.T.P.; Red LED for power failure status			
INPUT	DC CURRENT	110A		55A	
	NO LOAD CURRENT DRAW	0.4A		0.2A	
	DC VOLTAGE	12V		24V	
	VOLTAGE RANGE	10 ~ 15VDC		21 ~ 30VDC	
	EFFICIENCY (Typ.)	82%		85%	
	DC CONNECTOR	1000mm R type terminal		1000mm R type terminal	
	FUSE	30A*5		20A*5	
PROTECTION	BAT. LOW ALARM	10±0.5V		21±0.8V	
	BAT. LOW SHUTDOWN	9.5±0.5V		20±0.8V	
	OVER LOAD	>1200W shut down o/p voltage, re-power to recover			
	OVER VOLTAGE	15 ~ 16V		29 ~ 31V	
	OVER TEMPERATURE	60±5℃ / 140±9°F			
	OUTPUT SHORT	Shut-off			
	BAT. POLARITY	By fuse open			
ENVIRONMENT	WORKING TEMP.	0 ~ 30℃ @ 100% load, 40℃ @ 70% 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	98Khrs min. MIL-HDBK-217F (25℃)			
	DIMENSION	310*210*85mm (L*W*H)			
	PACKING	3.3kg ; 4pcs / 17.5kg / CARTON			
	COOLING	>40℃ (NTC) fan on			
	APPLICATIONS	Home appliance, Power tools, Office and Portable equipment and Vehicle ...etc.			

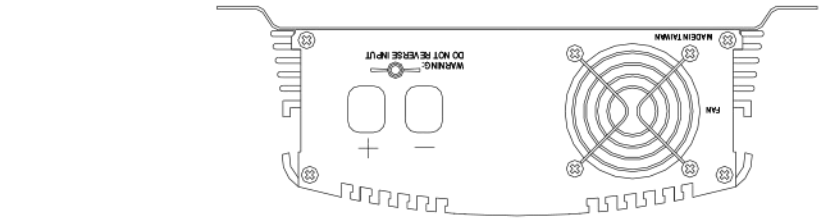
AC Output Receptacles (optional)

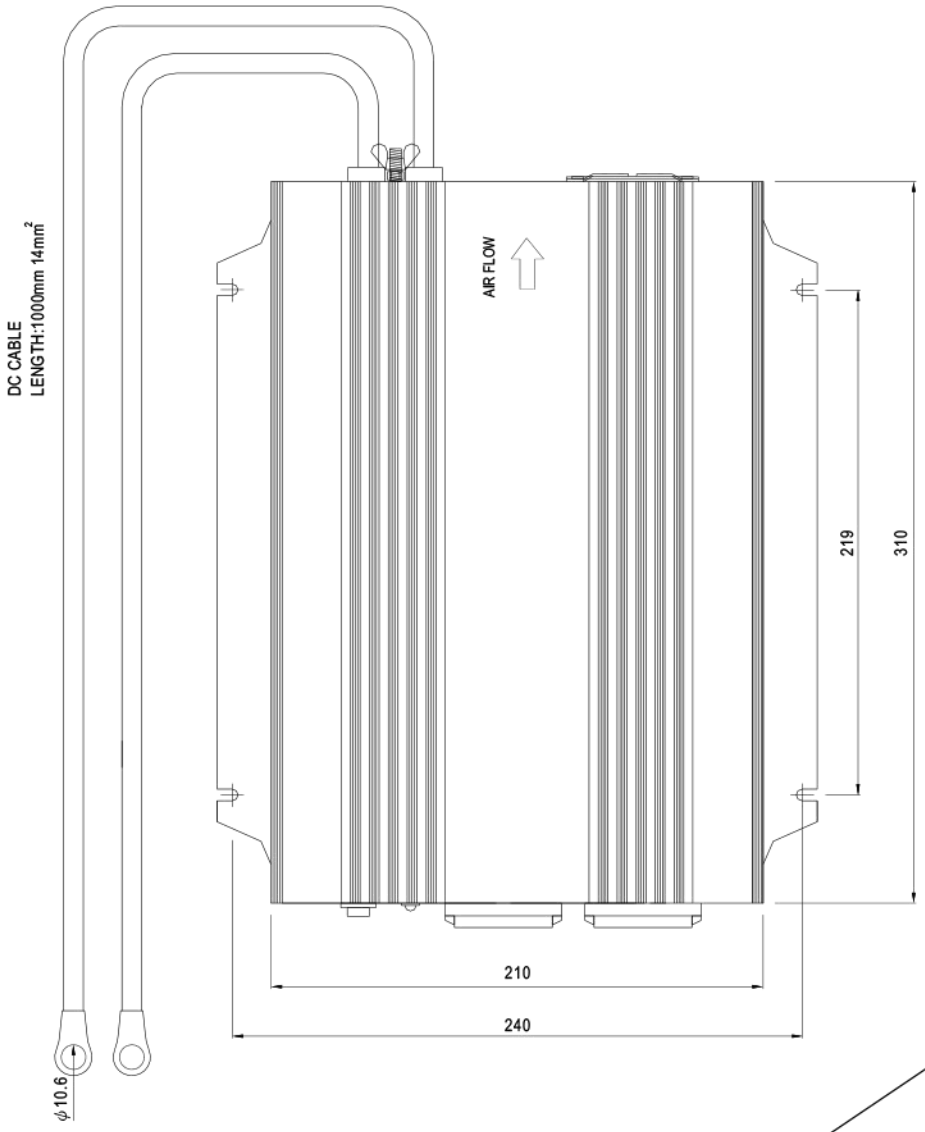


TYPE-1	TYPE-2	TYPE-3	TYPE-4	TYPE-5	TYPE-6
JAPAN	USA	EUROPE	UNIVERSAL	AUSTRALIA	U.K

■ Mechanical Specification

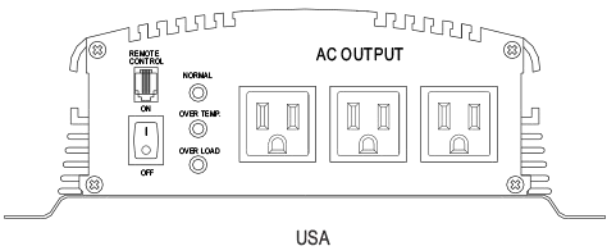
Unit:mm



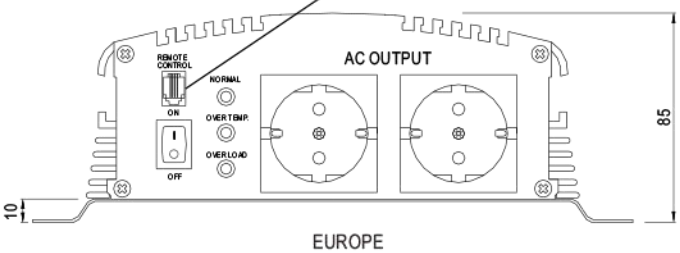




Order No.: RC-1700



USA



EUROPE