



1000W Modified Sine Wave DC-AC Power Inverter **A-301/302-1K0** 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)
- Approvals: e13/ CE
- 1 year warranty



SPECIFICATION

ORDER NO.	A301-1K0-B2		A301-1K0-F3		A302-1K0-B2		A302-1K0-F3			
OUTPUT	SAFETY MODEL NO.		A-1000W							
	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℉							
	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℉, 10 ~ 95% RH							
	TEMP. COEFFICIENT		±0.05% / ℃ (0 ~ 50℃)							
SAFETY & EMC	ISOLATION RESISTANCE		I/P-O/P:100M Ohms / 500VDC / 25℃ / 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		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	UK

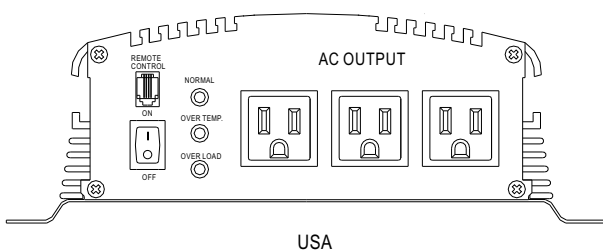
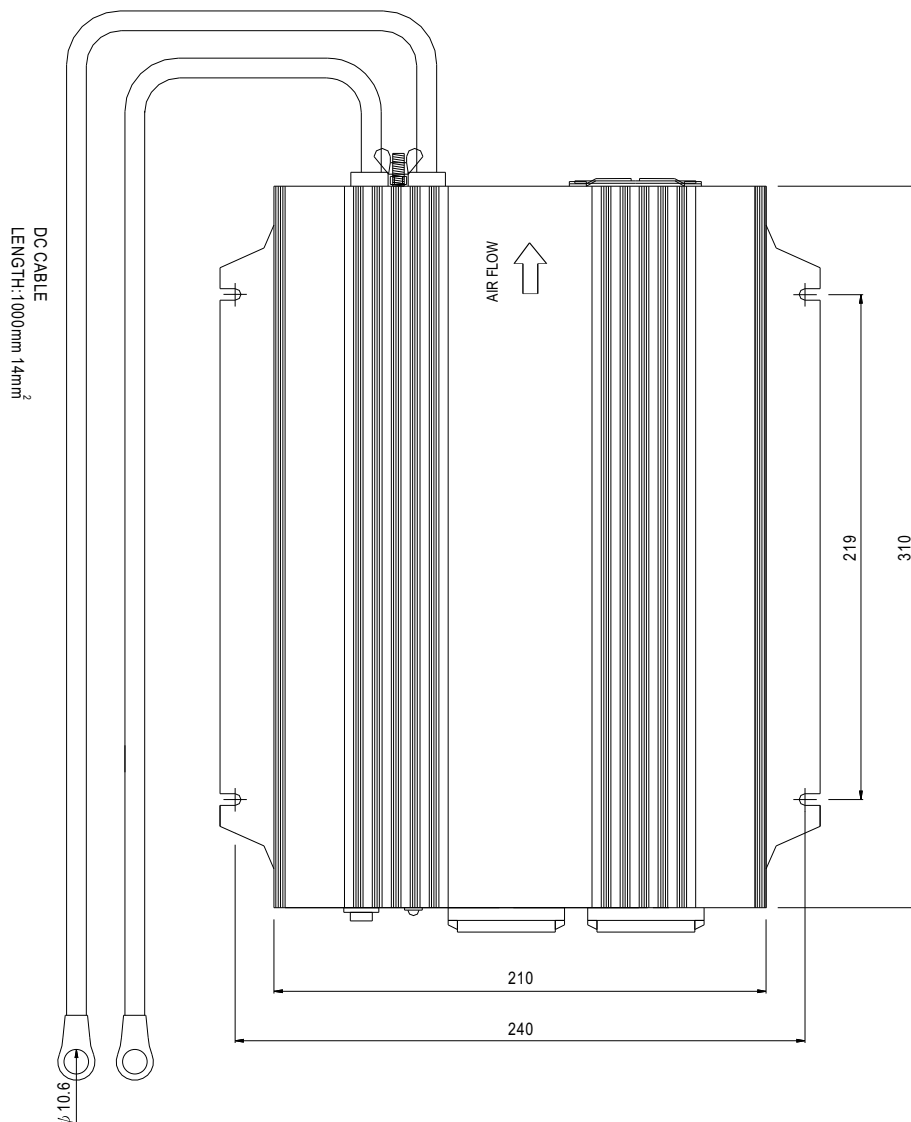
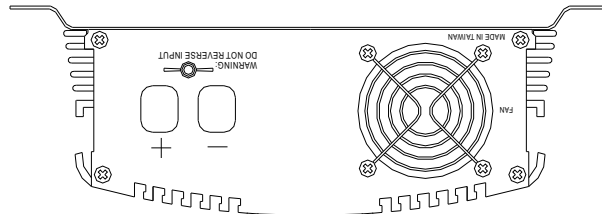




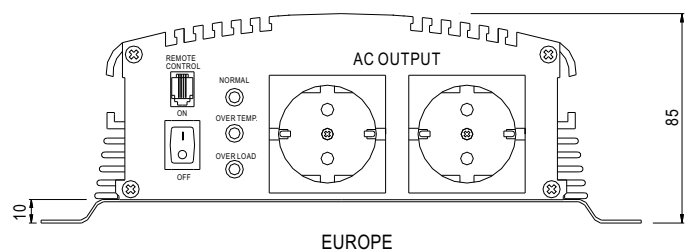
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■ Mechanical Specification

Unit:mm



USA



EUROPE