



■ 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/ EAC / CE / UKCA
- 1 year warranty

■ GTIN CODE

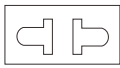
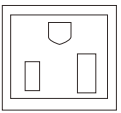
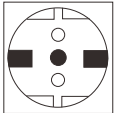
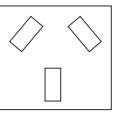
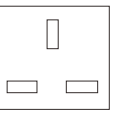
MW Search: <https://www.meanwell.com/serviceGTIN.aspx>



SPECIFICATION

ORDER NO.	A301-1K0-B2	A301-1K0-F3	A302-1K0-B2	A302-1K0-F3
OUTPUT	SAFETY MODEL NO.		A301-1K0	
	AC VOLTAGE		110V	
	RATED POWER		1000W	
	PEAK POWER		1200W<30min.	
	SURGE POWER		2400W	
	WAVEFORM		Modified Sine Wave	
	FREQUENCY		60Hz±1%	
	AC REGULATION		±10%	
	STANDARD RECEPTACLES		TYPE-2* 3ea	
INPUT	LED INDICATOR		Green LED for power on; Yellow LED for O.T.P.; Red LED for power failure status	
	DC CURRENT		110A	
	NO LOAD CURRENT DRAW		0.4A	
	DC VOLTAGE		12V	
	VOLTAGE RANGE		10 ~ 15VDC	
	EFFICIENCY (Typ.)		82%	
	DC CONNECTOR		1000mm R type terminal	
PROTECTION	FUSE		30A*5	
	BAT. LOW ALARM		10±0.5V	
	BAT. LOW SHUTDOWN		9.5±0.5V	
	OVER LOAD		>1200W shut down o/p voltage, re-power to recover	
	OVER VOLTAGE		15 ~ 16V	
	OVER TEMPERATURE		60±5°C / 140±9°F	
	OUTPUT SHORT		Shut-off	
ENVIRONMENT	BAT. POLARITY		By fuse open	
	WORKING TEMP.		0 ~ 30°C @ 100% load, 40°C @ 70% load	
	WORKING HUMIDITY		20% ~ 90% RH non-condensing	
	STORAGE TEMP., HUMIDITY		-30 ~ +70°C / -22 ~ +158°F, 10 ~ 95% RH	
	TEMP. COEFFICIENT		±0.05% / °C (0 ~ 50°C)	
SAFETY & EMC	SAFETY STANDARDS		EAC TP TC 004 approved	
	ISOLATION RESISTANCE		I/P-O/P:100M Ohms / 500VDC / 25°C / 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°C)	
	DIMENSION		310*210*85mm (L*W*H)	
	PACKING		3.3kg ; 4pcs / 17.5kg / CARTON	
	COOLING		>40°C (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



1000W Modified Sine Wave DC-AC Power Inverter **A301/302-1K0** series

Mechanical Specification

Unit:mm

