

Modified Sine Wave Inverter A301-1K7 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 shout/Input polarity reverse/Over load.
- Output waveform: Modified sine wave
- Cooling fan ON-OFF control
- Topology: Microprocessor
- Approvals: e13/ CE
- 1 year warranty

ORDER NO		A301-1K7-12	A301-1K7-24
OUTPUT	SAFETY MODEL NO	A-1000W	
	AC VOLTAGE	230V	230V
	RATED POWER	1500W	
	PEAK POWER	1700W 30min.	
	SURGE POWER	3000W	
	WAVEFORM	Modified Sine Wave	
	FREQUENCY	50Hz + 1%	50Hz +1%
	AC REGULATION	10%	
	STANDARD RECEPTACLES	TYPE-3* 2ea	TYPE-3* 2ea
	LED INDICATOR	n; Yellow LED for O.T.P.; Red LED for power failure status	
INPUT	DC CURRENT	170A	85A
	NO LOAD CURRENT DRAW	0.6A	0.36A
	DC VOLTAGE	12V	24V
	VOLTAGE RANGE	10 ~ 15V DC	21 ~ 30V DC
	EFFICIENCY (Typ.)	82%	85%
	DC CONNECTOR	1000mm R type terminal	1000mm R type terminal
	FUSE	30A*10	20A*10
PROTECTION	BAT. LOW ALARM	10+ 0.5V	21+ 0.8V
	BAT. LOW SHUTDOWN	9,5+ 0.5V	20+ 0.8V
	OVER LOAD	>1700W shut down o/p voltage, re-power to recover	
	OVER VOLTAGE	15 ~ 16V	29 ~ 31V
	OVER TEMPERATURE	60+5 .C / 140 +9.F	
ENVIRONMENT	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)	
	ISOLATION RESISTANCE	I/P-O/P:100M Ohms/ 500VDC	
SAFETY & EMC	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.C)	
	DIMENSION	455*210*85mm (L*W*H)	
	PACKING	5.5kg; 3pcs / 19.6kg / CARTON	
	COOLING	>40.C (NTC) fan on	
APPLICATIONS	Home appliance, Power tools, Office and Portable equipment and Vehicle ...etc.		

AC Output Receptacles (optional)

