



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China





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°C / 140±9°F			
	OUTPUT SHORT	Shut-off			
BAT. POLARITY	By fuse open				
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)			
SAFETY & EMC	ISOLATION RESISTANCE	I/P-O/P:100M Ohms / 500VDC / 25°C / 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°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

Mechanical Specification

Unit:mm

