



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!



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600W Modified Sine Wave DC-AC Power Inverter **A-301/302-600** 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
- Topology: Microprocessor
- Approvals: e13/ CE
- 1 year warranty



SPECIFICATION

ORDER NO.	A301-600-B2	A301-600-F3	A302-600-B2	A302-600-F3	
OUTPUT	SAFETY MODEL NO. A-300-600W				
	AC VOLTAGE	110V	230V	110V	230V
	RATED POWER	600W			
	SURGE POWER	1200W			
	WAVEFORM	Modified Sine Wave			
	FREQUENCY	60Hz±1%	50Hz±1%	60Hz±1%	50Hz±1%
	AC REGULATION	±10%			
	STANDARD RECEPTACLES	TYPE-2* 2ea	TYPE-3* 1ea	TYPE-2* 2ea	TYPE-3* 1ea
LED INDICATOR	Green LED for power on; Red LED for power failure status				
INPUT	DC CURRENT	60A		30A	
	NO LOAD CURRENT DRAW	0.5A	0.6A	0.35A	0.38A
	DC VOLTAGE	12V		24V	
	VOLTAGE RANGE	10 ~ 15VDC		21 ~ 30VDC	
	EFFICIENCY (Typ.)	82%		85%	
	DC CONNECTOR	900mm Battery clip*1ea		900mm Battery clip*1ea	
	FUSE	25 A * 3ea		20 A * 3ea	
PROTECTION	BAT. LOW ALARM	10±0.5V		19±0.8V	21±1V
	BAT. LOW SHUTDOWN	9.5±0.5V		18±0.8V	20±1V
	OVER LOAD	>750W shut down o/p voltage, re-power on to recover			
	OVER VOLTAGE	15 ~ 17V		30 ~ 32V	
	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 @ 50% 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 min./ 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	100Khrs min. MIL-HDBK-217F(25°C)			
	DIMENSION	210*173*65mm (L*W*H)			
	PACKING	2.1kg ; 8pcs / 20kg / CARTON			
	COOLING	by fan, >50% load 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

