

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

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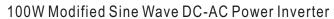
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■ Features :

- Built-in USB interface
- Cooling by free air convection(without fan)
- Slim size can fit in with the cup holder on vehicles
- High efficiency up to 90%
- 12V or 24V DC input
- Input voltage range: -15% ~ +25%
- Output voltage regulation:±10%
- Protections: Input reverse polarity/Bat. Low shutdown/Over voltage/ Over load/Over temperature/Output short
- Output waveform: Modified sine wave
- Topology: Microprocessor
- Approvals: e13/ CE
- 1 year warranty





SPECIFICATION		1 year warranty	<u> </u>	
ORDER NO.		A301-100-F3	A302-100-F3	
ОИТРИТ	SAFETY MODEL NO.	A-100-150W(N)		
	AC RATED VOLTAGE Note.1	230V		
	RATED POWER	100W		
	SURGE POWER	200W		
	WAVEFORM	Modified Sine Wave		
	FREQUENCY	50Hz±1%		
	AC REGULATION	±10%	±10%	
	STANDARD RECEPTACLES	Europe*1ea		
	LED INDICATOR	Dual-color indicator display for power on / failure status		
	USB POWER	5VDC / 500mA (max.)	5VDC / 300mA (max.)	
INPUT	DC CURRENT	15A	10A	
	NO LOAD CURRENT DRAW	0.25A	0.2A	
	DC VOLTAGE	12V	24V	
	VOLTAGE RANGE	10 ~ 15VDC	21 ~ 30VDC	
	EFFICIENCY (Typ.)	90%		
	DC CONNECTOR	650±50mm Cigarette plug*1ea		
	FUSE	15A* 1ea	10A* 1ea	
PROTECTION	BAT. LOW SHUTDOWN	10±0.5V	19.5±1V	
	OVER VOLTAGE	15 ~ 17V	30 ~ 32V	
	OVER TEMPERATURE	60±5°C / 140±9°F (case)		
	OUTPUT SHORT	Shut-off		
	REVERSE. 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)		
	ISOLATION RESISTANCE	I/P-O/P:100M Ohms min./ 500VDC / 25°C / 70% RH		
	EMI RADIATION	Compliance to EN55022 class B, 72/ 245/ CEE, 2006/96/CE		
	EMS IMMUNITY	Compliance to EN61000-4-2,3		
	LVD	Compliance to EN60950-1		
OTHERS	DIMENSION	ϕ 65*170mm (Diameter*L)		
	PACKING	0.55Kg; 30pcs / 17.5Kg / CARTON		
	COOLING	By air convection		
	APPLICATIONS	Home appliance, office and portable equipment and vehicleet	С.	
NOTE	1. AC rated output voltage is	ated output voltage is measured at 12.5VDC, 25VDC input voltage.		



