



常州市创联电源科技股份有限公司

Changzhou Chuanglian Power Supply Technology Corporation

承认书

CERTIFICATE FOR CONFIRMATION

客户名称 (CUSTOMER) : _____
客户料号 (PART NO.) : _____
产品名称 (PART NAME) : Switching Power Supply
产品规格 (DESCRIPTION) : A-300FAD-P
编制日期 (DATE) : _____

制定 (Engineer)	审核 (Supervisor)	核准 (Engineer Manager)
承认 (Engineer)	审核 (Supervisor)	核准 (Engineer Manager)

注:此承认书一式二份,请签核完后寄回我司一份保存。

Remark:This certification is in duplicate,please send us a copy signing.

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编号:



A-300FAD-P series switching power supply



◆ Features

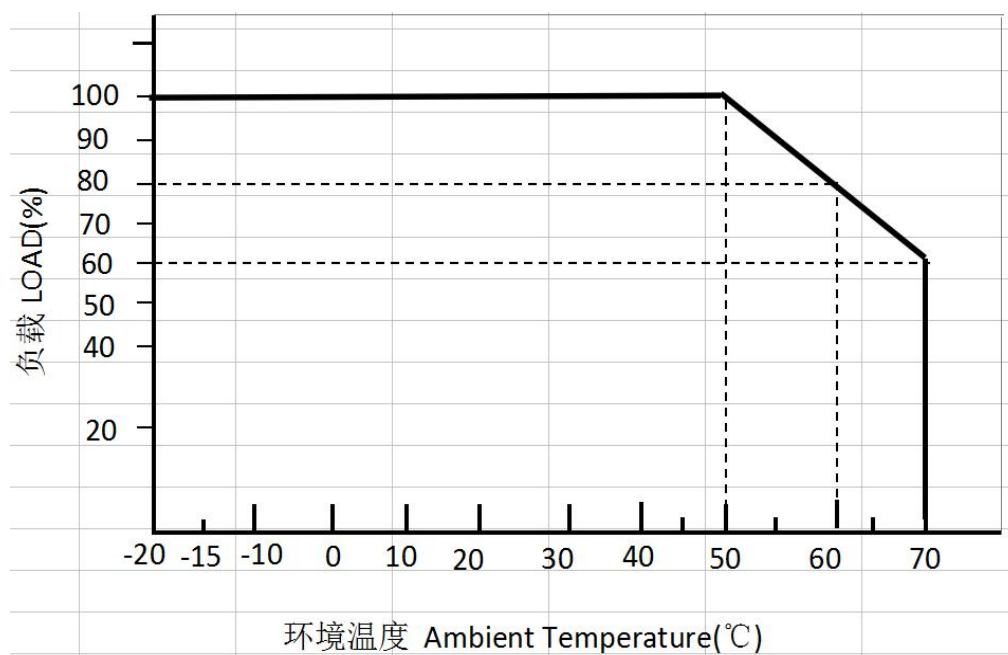
- High reliability, strong load capability
- Built-in active PFC function
- 100% pass full load high temp aging test
- Intelligent cooling fan
- Protections: Over load/Short circuit/Over voltage
- 2 years warranty

Specification

Model		A-300FAD-3.3P	A-300FAD-3.8P	A-300FAD-4.2P	A-300FAD-4.5P	A-300FAD-5P
Output	DC voltage	3.3V	3.8V	4.2V	4.5V	5V
	Rated current	60A	60A	60A	60A	60A
	Current range	0~60A	0~60A	0~60A	0~60A	0~60A
	Rated power	198W	228W	252W	270W	300W
	Ripple & Noise	150mVp-p	150mVp-p	150mVp-p	150mVp-p	150mVp-p
	Voltage regulation range	2.97~3.63V	3.42~4.18V	3.78~4.62V	4.05~4.95V	4.5~5.5V
	Voltage accuracy	±2%	±2%	±2%	±2%	±2%
	Line adjustment rate	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%
	Load adjustment rate	±1%	±1%	±1%	±1%	±1%
	Stepup, rise time	1000mS, 50ms/230VAC 2500mS, 50ms/115VAC load100%				
	Hold up time (Typ)	16mS/230VAC 16mS/230VAC full load				
Input	Voltage range	85~264VAC or 120~370VDC				
	Frequency range	47~63HZ				
	PFC (Typ)	PF≥0.95/230VAC PF≥0.99/115VAC				
	Efficiency (Typ)	≥78%	≥80%	≥81%	≥81.5%	≥82.5%
	Alternating	115VAC	2.3A	2.7A	2.9A	3.1A
		230VAC	1.1A	1.3A	1.4A	1.5A
	In rush current (Typ)	60A/230VAC				
Protection	Leakage current	<1mA/230VAC				
	Over load	105~135% rated				
	Short circuit	shut off, AC recycle to re-start				
	Over voltage	115%~140% rated voltage				
Environment	Over temp.	output cut-off, recovers automatically after temperature down				
	Working temp.	-20℃~+50℃ (AC 230V) (Refer to temperature derating curve)				
	Working humidity	20~90%RH no condensing				
	Storage Temp.	-30~+85℃				
	Storage humidity	10~95%RH no condensing				
	Temp. coefficient	±0.03%/℃ (0~50℃)				
Others	Vibration resistance	10~500Hz, 2G, 10min/cycle, X、Y、Z 60min in each direction				
	Safety Standards	Design refer to GB4943, UL60950-1, EN60950-1				
	Withstand voltage	I/P-O/P: 3KVAC I/P-FG: 1.5KVAC O/P-FG: 0.5KVAC				
	Isolation resistance	I/P-O/P, I/P-FG, O/P-FG: >100MΩ /500VDC/25℃/70%RH				
	EMC	Design refer to GB9254 EN55022, Class A				
	Harmonic Current	Design refer to GB17625.1; EN61000-3-2, -3				
Others	EMS	Design refer to EN55024 ; EN61000-4-2, 3, 4, 5, 6, 8, 11				
	Lifetime	100,000 hours (25℃)				
	Size	215*115*29.5 (L*W*H)				
Remark	package	868g/PC				
		*In order to extend the lifetime, it is recommended to configure the load more than 30% of the remaining allowance. For example: the power of the device requires 100W, then use the power of not less than 130W. *Ripple test method: 20MHz oscilloscope in power output terminal test, oscilloscope probe wire length is not more than 12mm, and input parallel 47uF electrolytic capacitors and 0.1uF high frequency capacitance probe.				



Load temperature derating curve

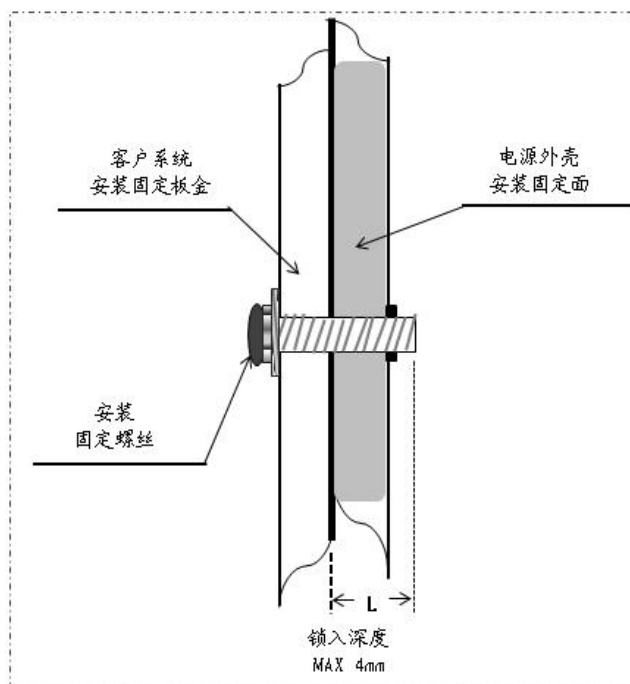


Installation

警示

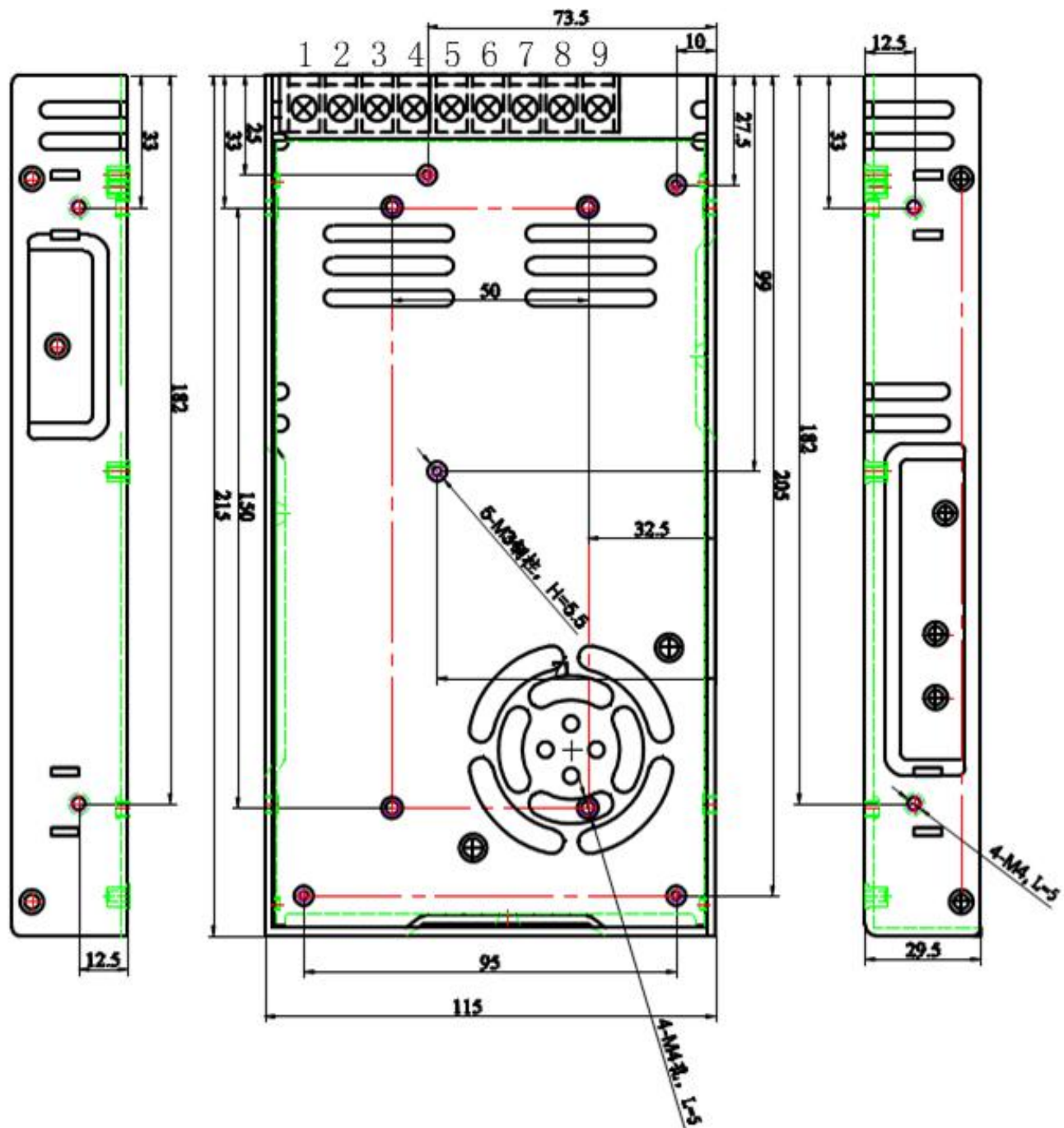
Warning

- 使用安装螺丝M3*6mm,
Using the mounting screws M3*6mm
- 深入外壳螺丝深度MAX 4mm,
Deep housing screw depth Max 4mm
- 详见右图
As shown on the right





Installation drawing



Pin No.	Assignment	Pin No.	Assignment
1	AC/L	4~6	DC output (-V)
2	AC/N	7~9	DC output (+V)
3	FG		