



常州市创联电源科技股份有限公司

Changzhou Chuanglian Power Supply Technology

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-200FAR-4. 5PH
编制日期 (DATE) : _____

制定 (Engineer)	审核 (Supervisor)	核准 (Engineer Manager)
周斌	王如存	
承认 (Engineer)	审核 (Supervisor)	

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.

厂商:常州市创联电源科技股份有限公司 地址:江苏省常州市钟楼经济开发区童子河西路8号 电话:86-519-85215050, 85210525 传真:86-519-85215252, 85215770 网址:www.cl-power.com 邮箱:cls@cl-power.com	Mfr.Changzhou Chuanglian Power Supply Technology Corporation Address:No. 8, Tongzihe West Road, Bell Tower Economic Development Zone, Changzhou, Jiangsu 213024, China Tel:86-519-85215050, 85210525 Fax:86-519-85215252, 85215770 Http:www.cl-power.com E-mail:cls@cl-power.com
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编号: QR/CL-CRS 2019-8-23



A-200FAR-4.5PH Switching Power Supply



◆ Features

- Free air cooling
- Protections: Over load/Short circuit
- 100% pass full load high temp aging test
- 2 years warranty

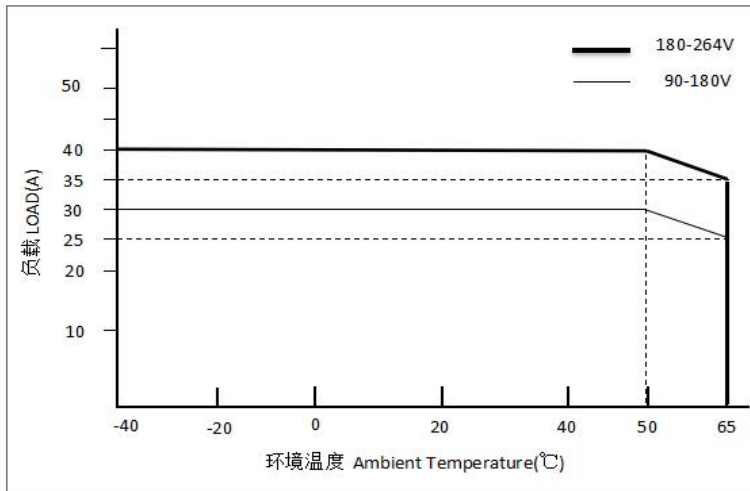
Specification

Model		A-200AR-4.5PH		
Output	DC voltage		4.5V	
	Rated current		40A	
	Current range		0~40A	
	Rated power		180W	
	Ripple & Noise		150mVp-p	
	Output voltage adjust		±3.0%	
	Voltage accuracy		±3.0%	
	Line adjustment rate		±0.5%	
	Load adjustment rate		±3%	
	Stepup, rise time		2s, 50ms/230VAC full load	
	Hold up time (Typ)		20ms/230VAC full load	
Input	Voltage range		90~264VAC	
	Frequency range		47~63HZ	
	PFC (Typ)		PF≥0.95	
	Efficiency (Typ)		≥88% AC:230V	
	Alternating	230VAC	2.0A	
	In rush current (Typ)		cold start≤50A/230VAC	
	Leakage current		≤3.5mA/242V AC	
Protection	Over load		44~65A	
	Short circuit		shut off, AC recycle to re-start	
Environment	Working temp.		-30℃~+50℃ (Refer to temperature derating curve)	
	Working humidity		20~95%RH no condensing	
	Storage Temp.		-40℃~+85℃	
	Storage humidity		10~95%RH no condensing	
	Temp. coefficient		±0.03%/℃ (0~50℃)	
	Vibration resistance		10~500Hz, 2G, 10min/cycle, X、Y、Z 60min in each direction	
Safety	Safety Standards		Design refer to GB4943-2001, UL1012	
	Withstand voltage		I/P-O/P:3.0KV AC, I/P-FG:1.5KV AC, O/P-FG:0.5KVAC	
	Isolation resistance		I/P-O/P、I/P-FG、O/P-FG: ≥100MΩ/500VDC	
	EMC		Design refer to EN55022, GB9254; class A	
Others	Lifetime		100,000 hours (25℃)	
	Size		208*59*31 (L*W*H)	
	Torque of terminal		1.2Nm	
Remarks	<p>*In order to extend the service life, it is recommended to leave 30% more allowance when loading. For example, if the equipment needs 100W power, please choose the power supply over 130W.</p> <p>*Ripple & noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1uF & 47uF parallel capacitor.</p> <p>*All electrical performance tests are performed at 25 C without special instructions.</p> <p>*The power supply is regarded as part of the internal components of the equipment, and it needs to be combined with the terminal equipment to complete the EMC related test and confirmation.</p>			

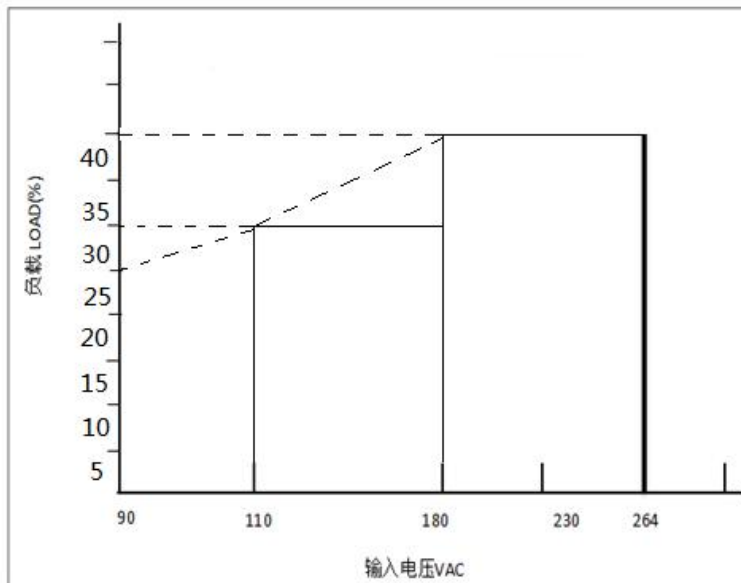


A-200FAR-4.5PH Switching Power Supply

Load temperature derating curve



Load voltage derating curve

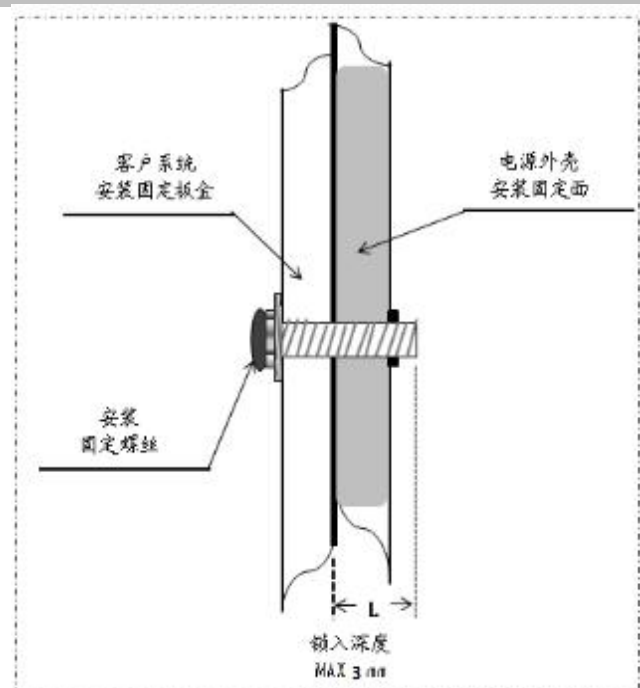


Installation

警示

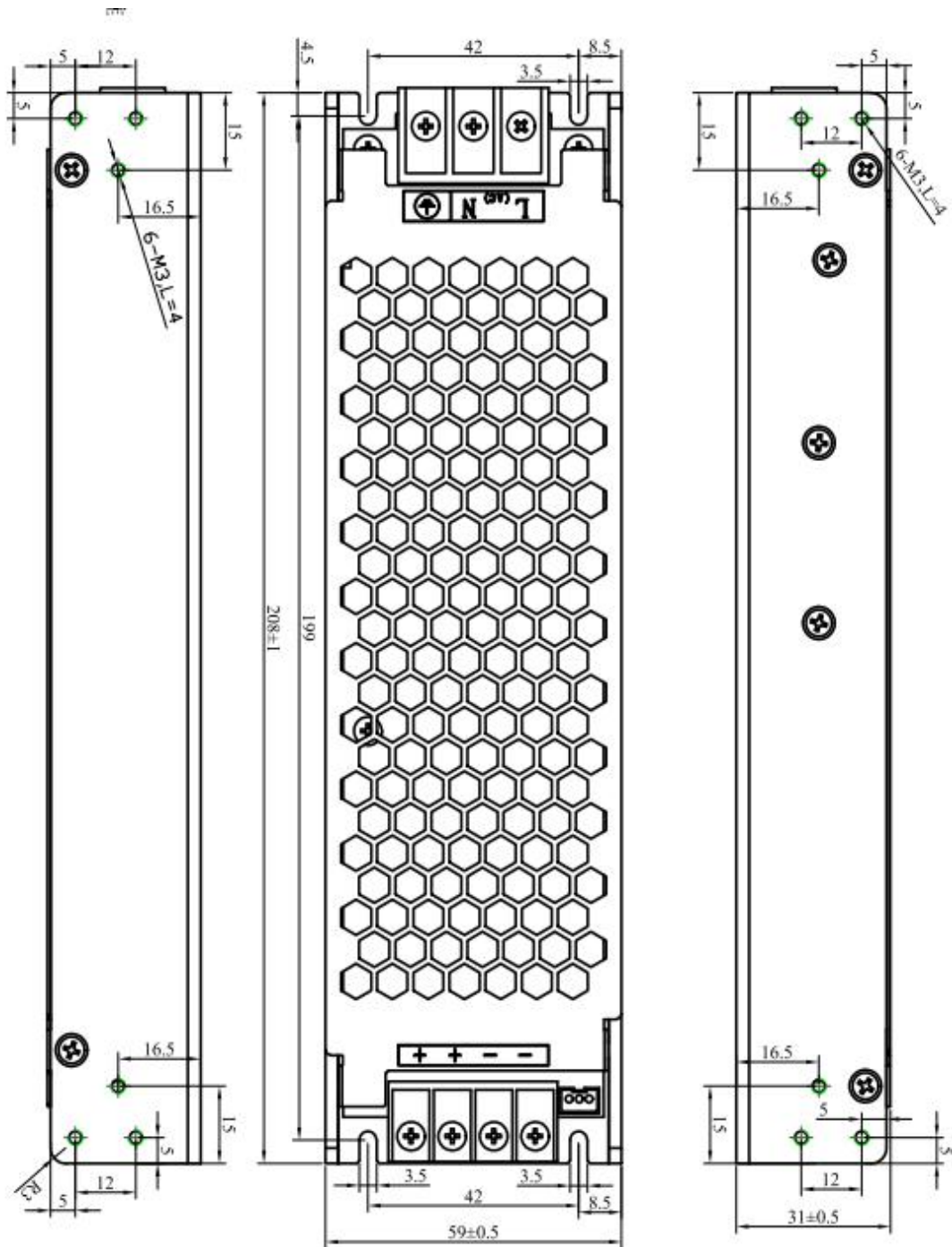
Warning

- 使用安装螺丝M3*6mm,
Using the mounting screws M3*6mm
- 深入外壳螺丝深度MAX 3mm,
Deep housing screw depth Max 3mm
- 详见右图
As shown on the right





Installation drawing



机械加工公差尺寸极限偏差
未注公差及一般几何公差
参考ISO2768 MK一般加工标准

Pin No.	Assignment	Pin No.	Assignment
1	AC/NN	1~2	DC output (V+)
2	AC/LL	3~4	DC output (V-)
3	PE		

尺寸范围	公差范围 mm
0.5-6	+/-0.1
6-30	+/-0.2
30-120	+/-0.3
120-400	+/-0.5
400-1200	+/-0.8