

富安电子（南通）有限公司
FUAN ELECTRONICS (NAN TONG) CO., LTD
承认书
APPROVAL SHEET

产品/Product:	LED 驱动/ LED Driver
客户/Customer:	
客户型号/Model:	
派锐型号/Model:	PGAM080/100-M3
日期/Date:	2021-05-15

编制/PREPARED	审核/CHECKED	批准/APPROVED
钱芬/Qian Fen	孟冬冬/Simons Meng	马久金/Mark Ma

客户确认 /Customer Signature	
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(收到此份承认书, 请签字回传)
(Received this acknowledgement, please sign and return)

1. 变更履历/Change resume

版本/Versions	变更事项/ Change project
V1.0 2020/05/15	初版/First edition

2. 产品特性/Features

输入电压/Input Voltage	347-480VAC
防护等级/IP Grade	IP30
绝缘等级/Insulation Class	Class II
保护功能/Protection	短路保护/Short circuit Protection, 过载保护/Overload Protection, 空载保护/No-load Protection, 过温保护/Over temperature Protection
输出特性/ Output Features	隔离 0-10V 调光/Isolation 0-10V Dimmable
证书/Certification	UL

3. 型号/ Modle

型号/Modle	输出电流/ Output Current	输出电压 /Output Voltage Range	空载电压 (±5%) /No load Voltage (±5%)	效率 /Efficiency
PGAM080C1500VSLM3	1500mA	30-42V	50V	>87%
PGAM080C1600VSLM3	1600mA	30-42V	50V	>87%
PGAM080C1700VSLM3	1700mA	30-42V	50V	>87%
PGAM080C1800VSLM3	1800mA	30-42V	50V	>87%
PGAM080C1900VSLM3	1900mA	30-42V	50V	>87%
PGAM100C2000VSLM3	2000mA	30-42V	50V	>87%
PGAM100C2100VSLM3	2100mA	30-42V	50V	>87%
PGAM100C2200VSLM3	2200mA	30-42V	50V	>87%
PGAM100C2300VSLM3	2300mA	30-42V	50V	>87%
PGAM100C2400VSLM3	2400mA	30-40V	50V	>87%

Note: Other models can also be consulted/备注：其它型号亦可咨询

4. 电气规格/Electrical Specifications

类别 /category	项目/Item	技术指标/Technical Norm
输入参数/ Input	额定输入电压/Rated Input Voltage	347-480VAC
	输入电压范围/Range of Input Voltage	312-528VAC
	输入频率/Frequency	50/60Hz
	输入电流/Input Current	≤0.35A (347VAC, full load)
	输入功率/Input Power	≤115W (347VAC, full load)

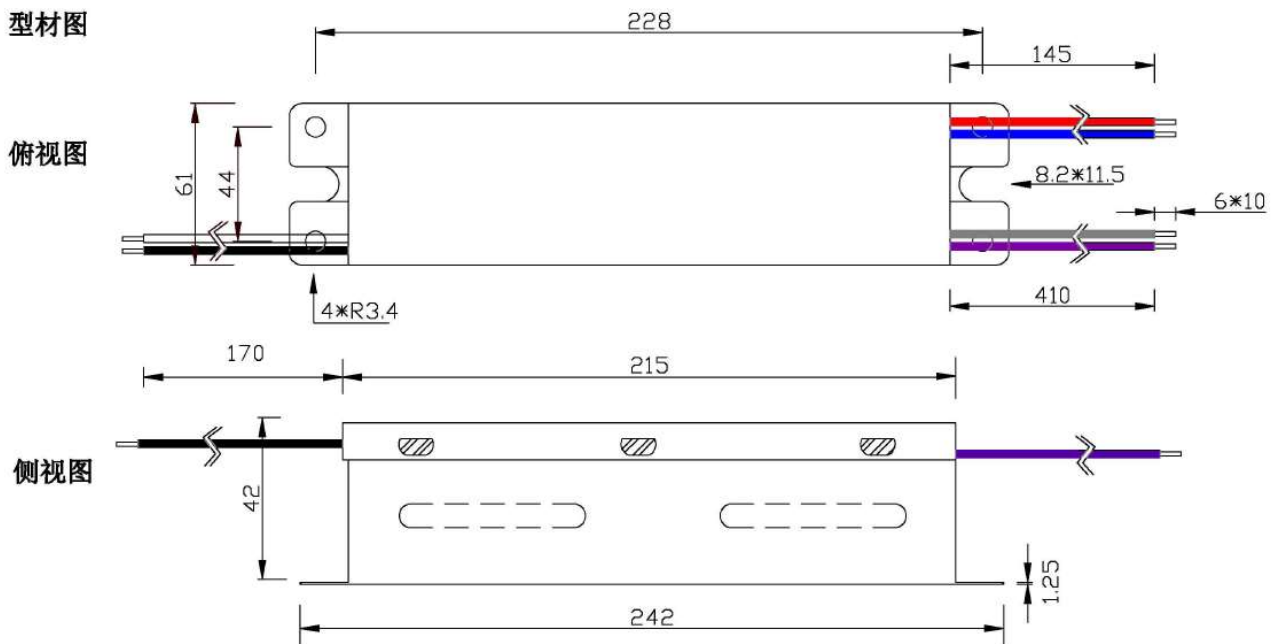
	功率因素/Power Factor	≥ 0.9 (347-480VAC, full load)
	谐波/THD	$< 20\%$ (347-480VAC, full load)
	空载功耗/No-load Power Consumption	$\leq 3W$
	输入浪涌电流/Inrush Current	$< 65A$ (480VAC)
	泄漏电流/Leakage Current	$< 0.75mA$ (480VAC)
输出参数/ output	电流精度/Current Accuracy	$\leq \pm 5\%$
	负载调整率/ Load regulation	$\leq \pm 3\%$
	线性调整率/ Line regulation	$\leq \pm 3\%$
	最大输出功率/Max. Output Power	96W
	启动延时/Started Delay Time	$\leq 0.75S$ (347-480VAC, full load)
	纹波电流/Current Ripple	$< \pm 5\%$ Output current
	闪烁指数/Scintillation index	< 0.05
	闪烁百分比/ Scintillation percentage	$< 10\%$
调光特性 /Dimming	调光方式/Dimming Type	0-10V Dimming DIM OFF
	特性/Features	Isolation Dimming
	调光关断电压/DIM OFF Voltage	0.6-0.8V
	调光开启电压/DIM ON Voltage	0.7-0.9V
保护特性/ Protection	短路保护/Short Circuit Protection	Auto Recovery
	过载保护/Overload Protection	Auto Recovery
	空载保护/No-load Protection	Auto Recovery
使用环境 /Environment	工作温度 Ta/Operation Temperature	-25...+55°C
	储存温度 Ts/Storage Temperature	-40...+85°C
	外壳温度/Tc/Enclosure Temperature	90°C
	湿度/Humidity	10%...90%RH
安装 /Construction	连接方式/Connection Method	接线/wire
	安装方式/Installation	独立外置式/Independent external
	输入线材规格/Input wire specification	UL1015 18AWG 105°C 600V 单股线/ UL1569 18AWG 105°C 600V 单股线
	输出线材规格/Output wire specification	UL1015 18AWG 105°C 300V 单股线/ UL1569 18AWG 105°C 300V 单股线
	0-10V 调光线线材规格/0-10V Dimmable wire specification	UL1015 18AWG 105°C 300V 单股线/ UL1569 18AWG 105°C 300V 单股线
尺寸/Dimension	242*61*42mm	
检验标准 /Standards	安全标准/Safety Standards	符合 UL, cUL, UL8750 Class 2
	电磁兼容标准/EMC Standards	符合 FCC Part 15 Class A, Compliance to EN 61547/1995+A1/2000
其他/Others	MTBF	300000h measured at full load, 25°C ambient temperature MIL-HDBK-217F (25°C)
	寿命/Life Time	50000h @50°C (Ta) /90°C (Tc)
	质保/Warranty	5years

备注/Remark	电源被视为一个元件与终端设备结合使用，因为 EMC 受整套装置的影响，终端设备制造商需对整套装置重新进行 EMC 确认。Power supply is considered as a component and used in combination with terminal equipment, because EMC is affected by the whole set of equipment, the manufacturer of terminal equipment needs to re-emc confirm the whole set of equipment.
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5. 安装说明/Installation



6. 外观尺寸/Dimensions (单位/Unit: mm)

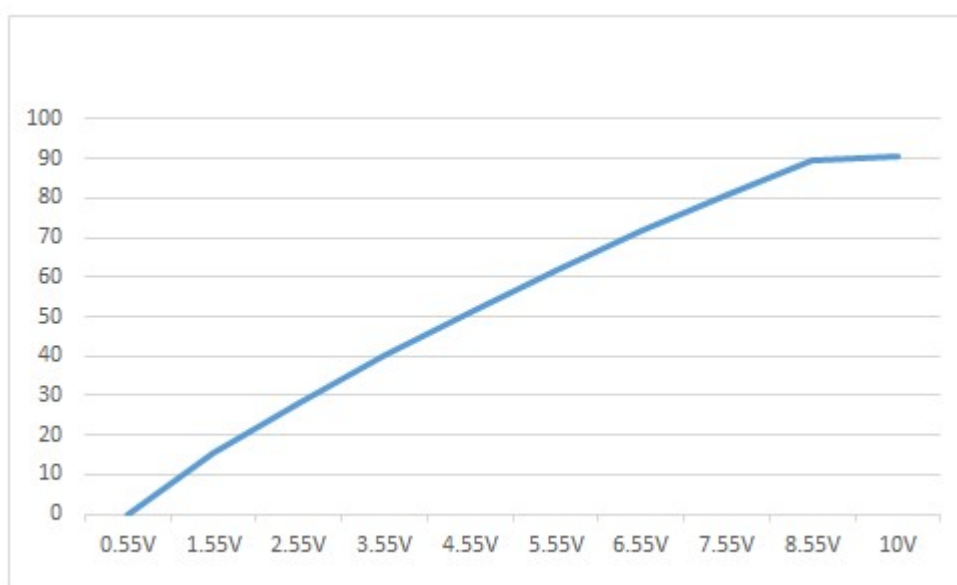


7. 标签/Label

 PAIRUI PGAW100C2400VSLM3 Input: 115W 350mA @Vin = 347V PF > 0.9@full load Output: 30-40VDC 2400mA Pout: 96W 0-10V Dimming Class 2 Power Supply For use with dry or damp location only For Connections Use Wire Rated for at least 90°C(194° F) Class P	CONSTANT CURRENT Dimmable LED Driver 347-480V 50/60Hz	
	CAUTION DISCONNECT LINE VOLTAGE BEFORE INSTALLING OR REPLACING. CASE MUST BE GROUNDED	
RoHS		www.pairuigroup.com Made in China

示例标签/The sample lable

8. 调光曲线/The dimming curve



9. 装箱信息/Packing information

纸箱尺寸/ Carton L*W*H (mm)	数量/箱 Pcs/Carton	净重/个 Net weight/Pcs (kg)	净重/箱 Net weight/Carton (kg)	毛重/箱 Gross weight/Carton (kg)
365*260*125	10	0.8	8	8.8