

# 江苏派锐电子有限公司

JIANGSU PAIRUI ELECTRONICS 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:	PGAU080/100-M2
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 2021/05/15	初版/First edition

## 2. 产品特性/Features

输入电压/Input Voltage	120-277VAC
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
PGAU080C1500VSLM2	1500mA	30-42V	50V	>88%
PGAU080C1600VSLM2	1600mA	30-42V	50V	>88%
PGAU080C1700VSLM2	1700mA	30-42V	50V	>88%
PGAU080C1800VSLM2	1800mA	30-42V	50V	>88%
PGAU080C1900VSLM2	1900mA	30-42V	50V	>88%
PGAU100C2000VSLM2	2000mA	30-42V	50V	>88%
PGAU100C2100VSLM2	2100mA	30-42V	50V	>88%
PGAU100C2200VSLM2	2200mA	30-42V	50V	>88%
PGAU100C2300VSLM2	2300mA	30-42V	50V	>88%
PGAU100C2400VSLM2	2400mA	30-40V	50V	>88%

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	120-277VAC
	输入电压范围/Range of Input Voltage	90-305VAC
	输入频率/Frequency	50/60Hz
	输入电流/Input Current	≤0.95A (120VAC, full load)
	输入功率/Input Power	≤112W (277VAC, full load)

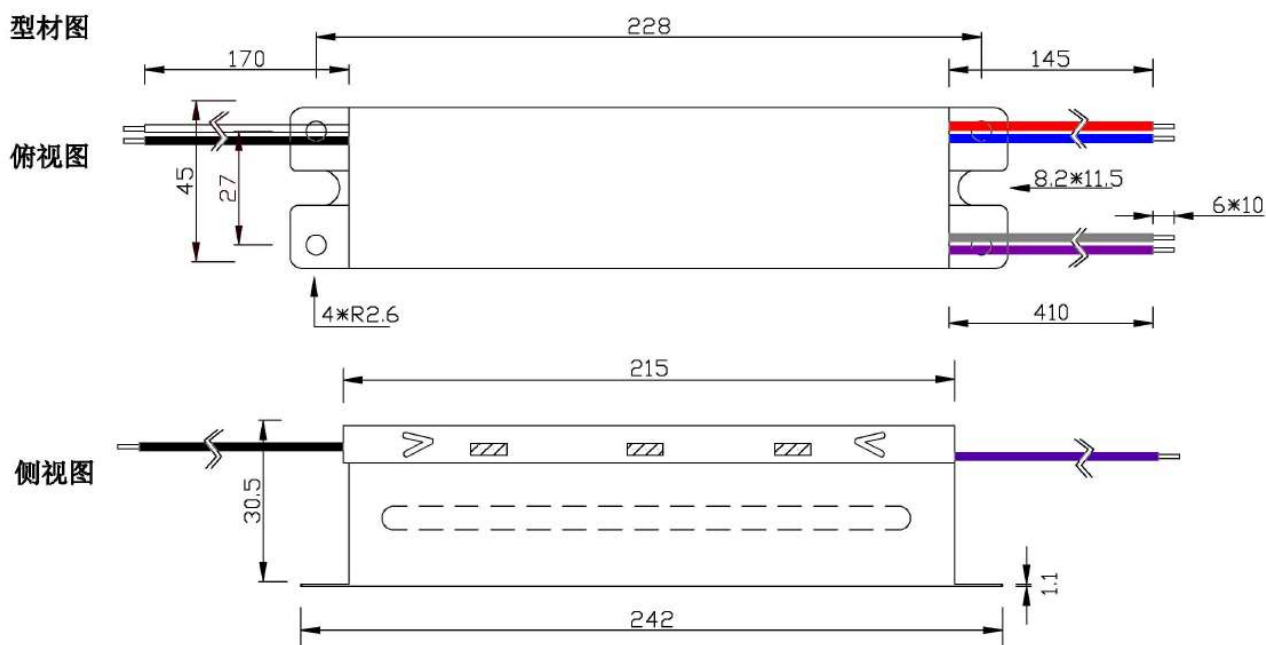
	功率因素/Power Factor	$\geq 0.9$ (120-277VAC, full load)
	谐波/THD	$< 20\%$ (120-277VAC, full load)
	空载功耗/No-load Power Consumption	$\leq 1W$
	输入浪涌电流/Inrush Current	$< 65A$ (277VAC)
	泄漏电流/Leakage Current	$< 0.75mA$ (277VAC)
输出参数/ output	电流精度/Current Accuracy	$\leq \pm 5\%$
	负载调整率/ Load regulation	$\leq \pm 3\%$
	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	$\leq 0.75S$ (120-277VAC, 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	0.4-0.6V
	调光开启电压/DIM ON Voltage	0.5-0.7V
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*45*30.5mm
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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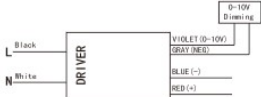
## 5. 安装说明/Installation



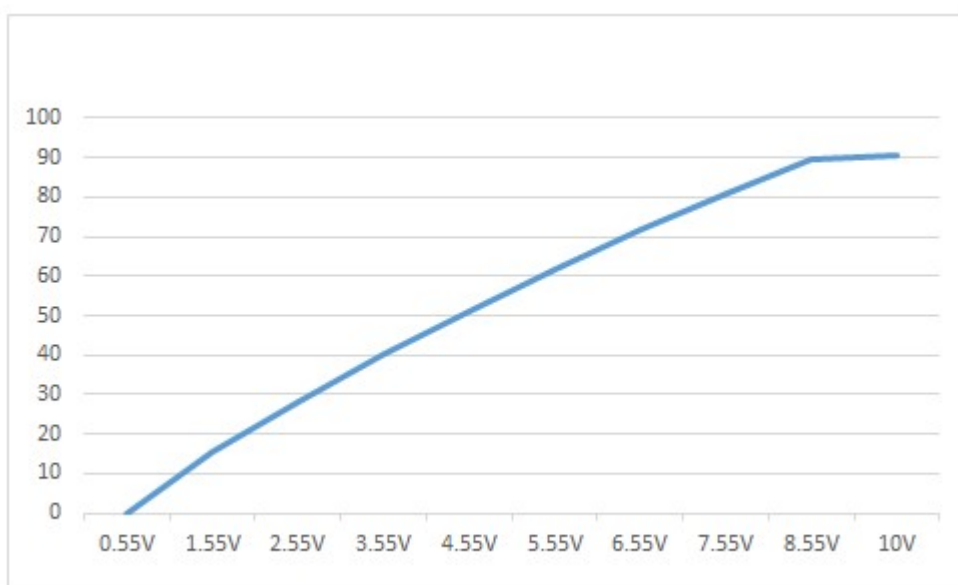
## 6. 外观尺寸/Dimensions (单位/Unit: mm)



## 7. 标签/Label

 <b>PAIRUI</b> <b>PGAU100C2400VSLM2</b> Input: 112W 450mA @Vin =277V 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	<b>CONSTANT CURRENT</b> Dimmable LED Driver		<b>120-277V 50/60Hz</b>
	CAUTION DISCONNECT LINE VOLTAGE BEFORE INSTALLING OR REPLACING.CASE MUST BE GROUNDED		
RoHS		 Tc	www.pairuigroup.com Made in China

## 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	18	0.48	8.64	9.2