

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:	PGAG040/050/060-M1
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	120-347VAC
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
PGAG040C0900VSLM1	900mA	30-42V	50V	>84%
PGAG040C0950VSLM1	950mA	30-42V	50V	>84%
PGAG040C1000VSLM1	1000mA	30-42V	50V	>84%
PGAG050C1050VSLM1	1050mA	30-42V	50V	>84%
PGAG050C1100VSLM1	1100mA	30-42V	50V	>84%
PGAG050C1150VSLM1	1150mA	30-42V	50V	>84%
PGAG050C1200VSLM1	1200mA	30-42V	50V	>84%
PGAG060C1250VSLM1	1250mA	30-42V	50V	>85%
PGAG060C1300VSLM1	1300mA	30-42V	50V	>85%
PGAG060C1350VSLM1	1350mA	30-42V	50V	>85%
PGAG060C1400VSLM1	1400mA	30-42V	50V	>85%

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/	额定输入电压/Rated Input Voltage	120-347VAC
	输入电压范围/Range of Input Voltage	90-380VAC
	输入频率/Frequency	50/60Hz
	输入电流/Input Current	≤0.6A (120VAC, full load)

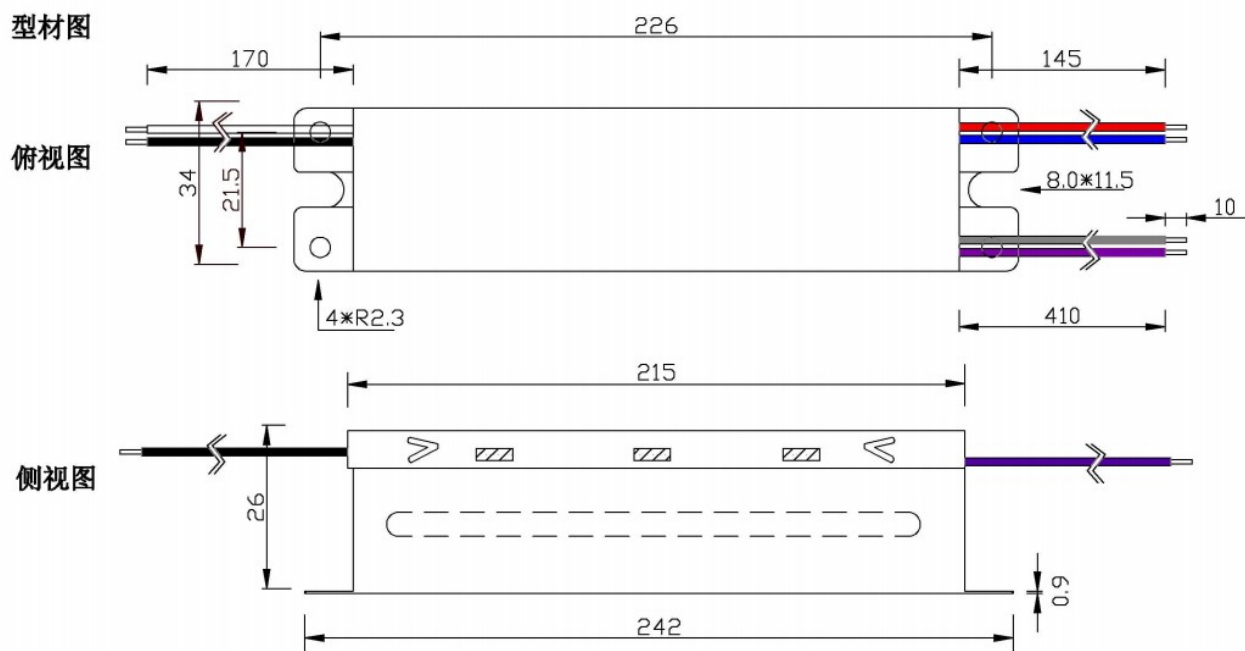
Input	输入功率/Input Power	≤70W(347VAC, full load)
	功率因素/Power Factor	≥0.9(120-347VAC, full load)
	谐波/THD	<20% (120-347VAC, full load)
	空载功耗/No-load Power Consumption	≤1W
	输入浪涌电流/Inrush Current	<65A (347VAC)
	泄漏电流/Leakage Current	<0.75mA (347VAC)
输出参数/ output	电流精度/Current Accuracy	≤±5%
	负载调整率/ Load regulation	≤±3%
	线性调整率/ Line regulation	≤±3%
	最大输出功率/Max. Output Power	58.8W
	启动延时/Started Delay Time	≤0.75S(120-347VAC, full load)
	纹波电流/Current Ripple	<±5% Output current (带去频闪电路) <±30% Output current (无去频闪电路)
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℃
	储存温度 Ts/Storage Temperature	-40...+85℃
	外壳温度/Tc/Enclosure Temperature	90℃
	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℃ 600V 单股线/ UL1569 18AWG 105℃ 600V 单股线
	输出线材规格/Output wire specification	UL1015 18AWG 105℃ 300V 单股线/ UL1569 18AWG 105℃ 300V 单股线
	0-10V 调光线线材规格/0-10V Dimmable wire specification	UL1015 18AWG 105℃ 300V 单股线/ UL1569 18AWG 105℃ 300V 单股线
	尺寸/Dimension	242*34*26mm
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℃ ambient temperature MIL-HDBK-217F (25℃)
	寿命/Life Time	50000h @50℃ (Ta) /90℃ (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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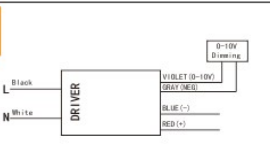
5. 安装说明/Installation



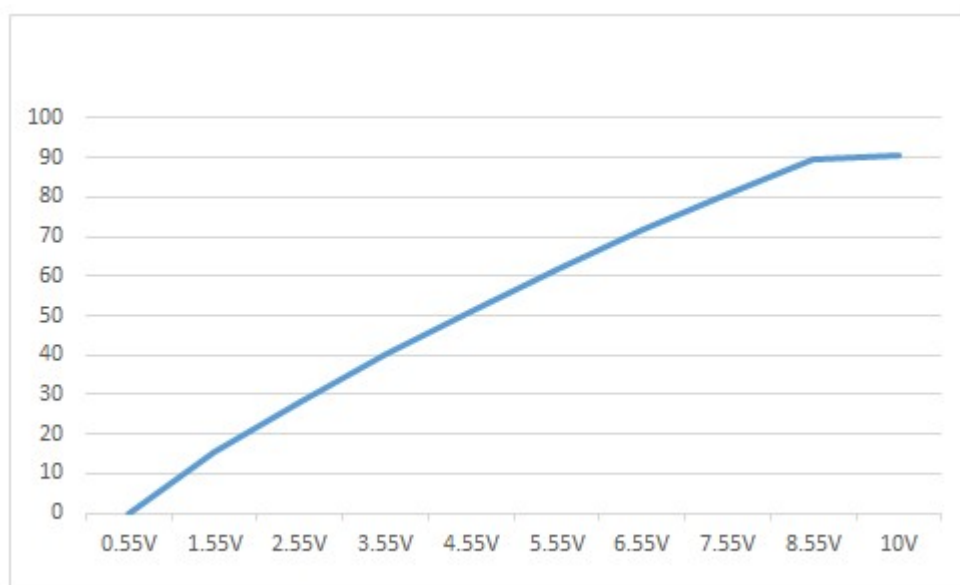
6. 外观尺寸/Dimensions (单位/Unit: mm)



7. 标签/Label

 PAIRUI PGAG060C1400VSLM1 Input: 70W 210mA @Vin = 347V PF>0.9@full load Output: 30~42VDC 1400mA Pout: 58.8W 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 120-347V 50/60Hz CAUTION DISCONNECT LINE VOLTAGE BEFORE INSTALLING OR REPLACING. CASE MUST BE GROUNDED  www.pairuigroup.com Made in China	 Wiring Diagram showing connections for L (Black), N (White), and 0-10V Dimming (Violet, Blue, Red).
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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	15	0.4	6	6.5