

# 富安电子（南通）有限公司

FUANTRONICS (NANTONG) ELECTRONICS CO., LTD

## 承认书

APPROVAL SHEET

产品/Product:	MINI 系列 LED 驱动/ MINI Series LED Driver
客户/Customer:	
客户型号/Model:	
派锐型号/Model:	PGAH009-P1 Series
日期/Date:	2021-01-26

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 2019/06/25	初版/First edition
V2.0 2019/11/05	变更输入线材端子，加 7mm 铜头/Change the input wire terminal and add 7mm copper head
V3.0 2021/01/26	变更公司名称/ Change of company name

## 2. 产品特性/Features

输出模式/Output Type	恒流/ Constant current
防护等级/IP Grade	IP44
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/Isolation
证书/Certification	TUV/CE/SAA

## 3. 型号/ Modle

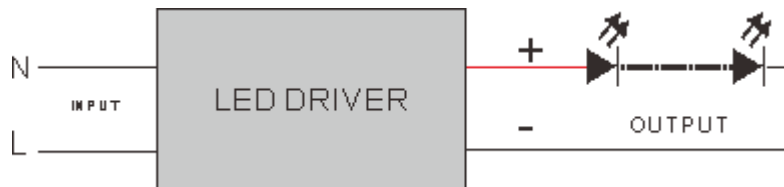
型号/Modle	输出电流/ Output Current	输出电压 /Output Voltage Range	空载电压 /No load Voltage	效率 /Efficiency
PGAH009C0150NSLPP1	150mA	43-60V	80V	80%
PGAH009C0180NSLPP1	180mA	30-45V	65V	80%
PGAH009C0200NSLPP1	200mA	30-45V	65V	80%
PGAH009C0250NSLPP1	250mA	20-36V	55V	80%
PGAH009C0300NSLPP1	300mA	20-32V	50V	80%
PGAH009C0350NSLPP1	350mA	15-27V	44V	80%
PGAH009C0400NSLPP1	400mA	12-24V	40V	80%
PGAH009C0500NSLPP1	500mA	12-19V	36V	80%
PGAH009C0600NSLPP1	600mA	8-15V	34V	80%
PGAH009C0700NSLPP1	700mA	8-13V	32V	80%

#### 4. 电气规格/Electrical Specifications

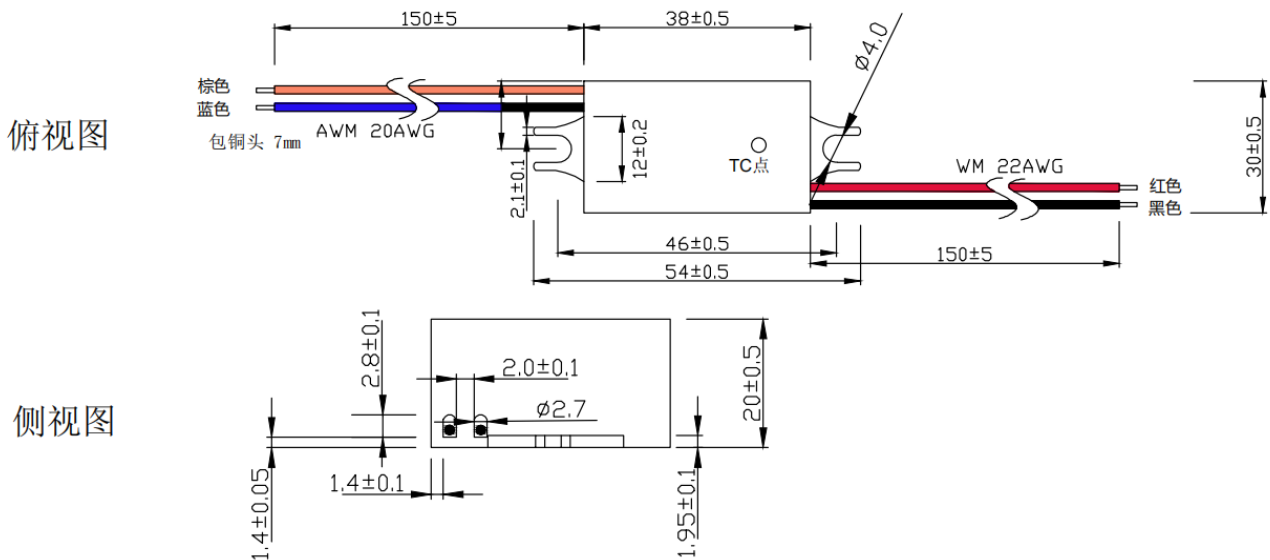
类别 /category	项目/Item	技术指标/Technical Norm
输入参数/ Input	额定输入电压/Rated Input Voltage	220-240VAC
	输入电压范围/Range of Input Voltage	198-264VAC
	输入频率/Frequency	50/60Hz
	输入电流/Input Current	≤0.1A(198VAC, full load)
	输入功率/Input Power	≤11.5W(230VAC, full load)
	功率因素/Power Factor	0.5(230VAC, full load)
	浪涌电流/Inrush Current	≤15A/200us(230VAC, full load)
	空载功耗/No-load Power Consumption	≤0.5W
输出参数/ output	电流精度/Current Accuracy	±5%
	最大输出功率/Max. Output Power	9.6W
	启动延时/Started Delay Time	≤0.5S(230VAC, full load)
	纹波电流/Current Ripple	±7%
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
	绝缘耐压/Insulation voltage	I/P to O/P, 3KVac/1min
	绝缘电阻/ Insulation resistance	>100M ohm/500VDC
使用环境 /Environment	漏电流/Leakage current	I/P to O/P <0.75mA
	工作温度 Ta/Operation Temperature	-20...+45°C
	储存温度 Ts/Storage Temperature	-20...+85°C
	外壳温度/Tc/Enclosure Temperature	75°C
安装 /Construction	湿度/Humidity	10%...90%RH
	连接方式/Connection Method	线材连接/ Wire connection
	安装方式/Installation	内置式/Build-in
	输入线材规格/Input wire specification	UL1672 20AWG 双层绝缘线 包铜头 7mm/ UL1672 20AWG double-insulated conductor Copper clad head 7mm
	输出线材规格/Output wire specification	UL1015 22AWG 绝缘线/ UL1015 22AWG insulated conductor
检验标准 /Standards	尺寸/Dimension	54*30*20mm
	安全标准/Safety Standards	EN61347-1:2015, EN61347-2-13:2014/A1:2017, EN62493:2015, AS/NZS IEC61347. 2. 13:2013, AS/NZS 61347. 1:2016, GB19510. 1-2009
	电磁兼容标准/EMC Standards	EN55015:2013/A1:2015, EN61000-3-2:2014, EN61000-3-3:2013, EN61547:2009, GB/T17743. 2017
	性能标准/Performance	EN62384

	浪涌/Surge	L-N/2KV
其他/Others	环保/RoHS	Complied to 2011/65/EU
	寿命/Life Time	30000h @45°C (Ta) /85°C (Tc)
	Warranty/质保	3years
备注/Remark	<p>1. 如未特殊说明, 所有规格参数均在输入电压为 230VAC, 额定负载, 25°C环境温度下进行测量。Unless otherwise specified, all specification parameters are measured at input voltage of 230VAC, rated load and ambient temperature of 25°C.</p> <p>2. 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.</p>	

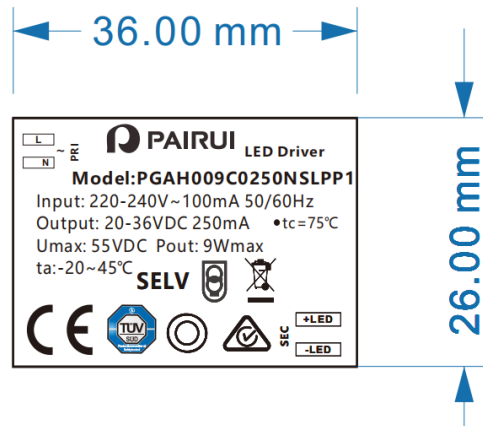
## 5. 安装说明/Installation



## 6. 外观尺寸/Dimensions (单位/Unit: mm)



## 7. 标签/Label



示例标签/The sample lable

## 8. 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)
620*260*185	420	0.035	14.7	16.2