



深圳市金驹科技有限公司

Shenzhen Jinju Technology Co., Ltd.

承认书

ACKNOWLEDGMENT

客户名称 (client's name) : _____

客户料号 (Customer item number) : _____

产品型号 (Product number) : JJ-924200

产品名称 (product name) : DC-DC 恒流驱动电源

编制日期 (Date of preparation) : _____

制定
(Formulate)

审核
(Review)

批准
(Approve)

承认
(Admit)

审核
(Review)

批准
(Approve)

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产品描述:

★本电源是一款高稳定性的LED防水恒流驱动电源。内部滤波器件采用绿宝石，核心元器件都是IR进口，以保证产品的质量和可靠性。具有启动快速，兼容负载范围宽，保护功能齐全，采用国际知名大厂成熟方案，高精度的恒流控制，极高的效率和可靠的性能，以及小型的外观结构会使你的灯具更加趋于完美。

产品特点:

- ★输入DC24V。
- ★输出DC42-48V, 恒流4.5A。
- ★高效率。
- ★输入防反接保护。
- ★输出开路、短路、过压、过温保护。
- ★装配尺寸小，可适用于各种需安全供电的场合使用。
- ★采用LED专用防水环氧树脂AB胶，通过导热胶与铝壳接触，散热效果极佳，室内户外均可使用，两端各设两个机械固定孔位，适用于多种内部安装应用。

product description:

★ This power supply is a high stability LED waterproof constant current drive power supply. The internal filter parts are made of emerald, and the core components are all imported from IR to ensure product quality and reliability. It has fast start-up, wide compatible load range, complete protection function, adopts mature solutions from internationally renowned manufacturers, high-precision constant current control, extremely high efficiency and reliable performance, and small appearance structure will make your lamps more inclined perfect.

Features:

- ★ Input DC24V.
- ★ Output DC42-48V, constant current 4.5A.
- ★ high efficiency.
- ★ Input anti-reverse protection.
- ★ Output open circuit, short circuit, over voltage, over temperature protection.
- ★ With small assembly size, it can be used in various occasions that require safe power supply.
- ★ Using LED special waterproof epoxy resin AB glue, contact with the aluminum shell through the thermal conductive glue, the heat dissipation effect is excellent, and it can be used indoors and outdoors. There are two mechanical fixing holes at both ends, which are suitable for a variety of internal installation applications.

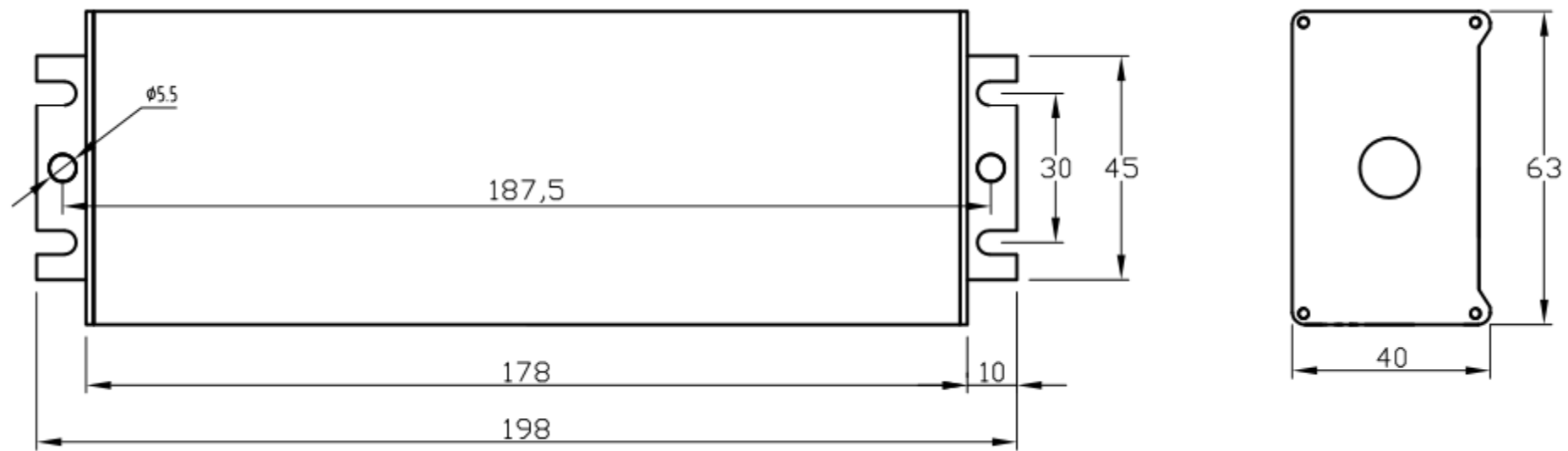
电气规格(Electrical specifications):

产品型号		JJ-924200			
输入参数	输入电压	DC24V	电磁干扰	辐射	设计参考: EN55015
	输入电流	9.2A			
			环境特性	工作温度	-20~+65℃
				工作湿度	20~80%RH
				耐震动	10~500HZ, 2G, 10min/周期, X、Y、Z方向各60min
				温度系数	±0.05%/℃ (0~60℃)
				储存温度/湿度	-40~+85℃ 10~95%RH
输出参数	输出电压	42-48V (15串)			
	输出电流	4.5A			
	额定功率	200W			
	电流精度	±3%			
	效率	91%			
	线性调整率	±2%	其他	寿命	>100000H (25℃)
负载调整率	±2%	质保		3年	
启动/上升时间	20ms	平均无故障工作时间		>200000H	
断电保持时间	15ms	裸机尺寸		L*W*H: 89*56*32mm	
				全铝防水尺寸	L*W*H: 198*63*40mm
输入保护	防反接保护	反接不通电, 不损坏电源			
输出保护	短路保护	输出无电流, 异常条件移除后可自动恢复			
	开路保护	不接LED时, 输出电压自动限制在54V±2V			
	过温保护	100℃±10℃ 保护模式: 输出降电流 (外壳表面温度)			
	过压保护	保护模式: 输出降电流			
注	* 为了延长使用寿命, 建议配置负载时多留30%的余量。例如: 设备需要50W的功率, 则应选用不小于80W的电源。 * 所有电气性能测试均在25℃环境下完成, 如未特别说明, 所有规格参数均在DC24V, 环境温度25℃测量。				

电性参数(Electrical parameters):

参数(Parameter)		MIN	TYP	MAX	单位(Unit)
输入参数 Input parameter	输入电压(Input voltage)	24			V
	空载功率(Standby power)	0.25			W
	输入电流(Input current)	8.55	9.22	9.85	A
	输入功率(Input power)	205.2	221.28	236.4	W
输出参数 Output parameter	输出电压(Output voltage)	42	45	48	V
	输出电流(Output current)	4.49	4.49	4.49	A
	输出功率(Output power)	188.58	202.05	215.52	W
	效率(Efficiency)	92	91	91	%
注 Note	本列表数据除特殊说明外, Ta:25℃, 湿度<75%, 输入标称电压和输出额定负载时测得。 本列表数据仅供参考, 实际以产品实物为标准, 偏差范围<5%。 Unless otherwise specified, Ta: 25 °C, humidity < 75%, measured at input nominal voltage and output rated load. The data in this list is only for reference. In fact, it is based on the actual product, and the deviation range is less than 5%.				

安装尺寸图(Installation dimension drawing):



Unit:mm

产品使用说明(Product instructions):

- ★本产品主要应用于LED灯具（照明灯，景观灯，水底投光灯、太阳能路灯等），整机功率为200W。
- ★本产品是长条形设计，操作时避免产品变形。产品两段各有两条电缆线，电源输入端是直流电输入，对应标贴纸上DC“V+”和DC“V-”，另一端标贴纸上标有“LED+”、“LED-”，“LED+”为输出正极，接LED正极，“LED-”为输出负极，接LED负极。
- ★本产品为防水产品，防水等级为IP67。
- ★使用裸板时，请将产品做好绝缘处理。
- ★使用本电源时，请注意检查和测试供电电源的电压是否与本电源标签上的电压相适应，24V的设备应与24V的电源匹配。

注：在使用本电源时，请注意区分输入端和输出端，确保正确接线，核对无误后才能通电。

注：请确保输入线正负极不接反，确认无误，再开电源。

注：请先接好DC输出端的负载，确认无误，再开电源。

- ★This product is mainly used in LED lamps (lighting lights, landscape lights, underwater flood lights, solar street lights, etc.), with a power of 200W.
- ★ This product is a long strip design to avoid product deformation during operation. There are two cables for each of the two sections of the product. The power input end is DC input, corresponding to DC "V+" and DC "V-" on the label, and the other end is marked with "LED+", "LED-", "LED+" "Is the output anode, connected to the anode of the LED, "LED-" is the output cathode, connected to the cathode of the LED.
- ★ This product is a waterproof product with a waterproof rating of IP67.
- ★ When using bare boards, please make the product insulated.
- ★ When using this power supply, please pay attention to check and test whether the voltage of the power supply is compatible with the voltage on the power label. The 24V equipment should match the 24V power supply.

Note: When using this power supply, please pay attention to distinguish the input terminal and output terminal, ensure the correct wiring, and then turn on the power after verification.

Note: Please make sure that the positive and negative poles of the input line are not reversed, confirm that they are correct, and then turn on the power.

Note: Please connect the load of the DC output terminal first, confirm that it is correct, and then turn on the power.

常见故障及处理方法(Common faults and treatment methods):

灯具不亮👉

Lamps and lanterns
are not bright

请切断DC输入端并检查:

Please cut off the DC input and check:

1.DC输出端是否接触不良;

Whether the DC output terminal is in poor contact;

2.DC输出端正负极是否接反;

Whether the positive and negative poles of DC output end are connected reversely;

3.DC输入端是否接触不良;

Whether the DC input is in poor contact;

4.DC输入供电电源, 功率是否够大, 能否正常带的起200W负载。

Whether the power of DC input power supply is large enough and whether it can normally carry 200W load.

排除以上故障后再测试。

Remove the above faults before testing.

灯具抖动👉

Lighting flicker

请切断DC输入端, 检查DC输出端:

Please cut off the DC input and check the DC output:

1.有无过载、超载;

Whether there is overload or overload;

2.电源设计参数与实际使用参数不符。

The power supply design parameters are inconsistent with the actual use parameters.

注: 产品在使用过程中如遇到其它疑问和问题, 请及时与我司沟通、反馈不良信息, 我司将积极助贵公司解决好问题。

Note: in case of any other questions and problems during the use of the product, please communicate with our company in time and feed back the bad information. Our company will actively help your company to solve the problems.