

LD100-2H12V (Product No.: 107200140201)

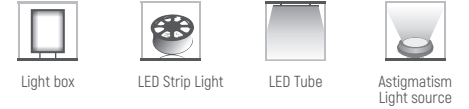
Product Feature

- Design of two channels CV output
- Apply to indoor LED light LED tube, LED strip light etc
- Small volume, High efficiency, High reliability, Long time
- Working normally at -20°C~+60°C
- Protect Auto recovery when Load, short, Over voltage, is removed
- The typical efficiency can up to 87%
- Certification CE, RoHS
- 100% full load aging test
- Warranty 36 months



CE RoHS

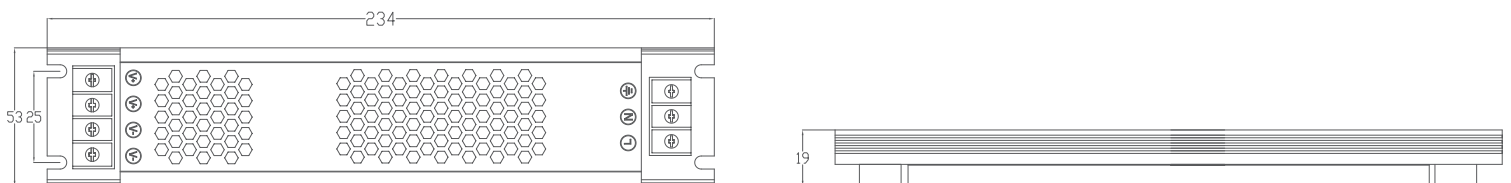
Application



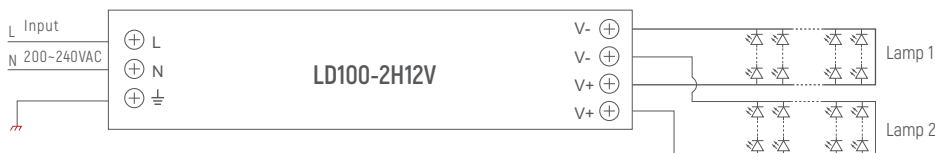
Technical Parameters

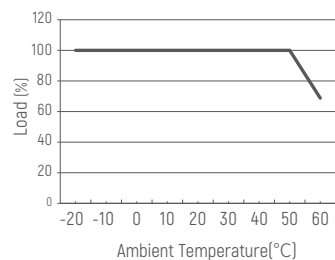
Model	LD100-2H12V	
Input	Efficiency	87%@220VAC, Full load
	Voltage	200VAC-240VAC
	Frequency	47-63Hz
	Power Factor	/
	Current	1Amax@220VAC, Full load
	Inrush Current	Cold start <40A @200VAC(full load)
Output	Current/Voltage/Power	8.34A/12VDC/100W
	Ripple Current	<350mVp-p
	Channel	2
	Voltage Tolerance	±4%
	Turn On Delay Time	<1s, at 220Vac
Protection	Short Circuit	Auto recovery when failure is removed
	Over Voltage	<18VDC Shut down the output, After restart recovers automatically.
	Over Current	<10.5A auto recovery when failure is removed
Others	Working Temp.	-20°C~60°C
	Storage Temp.; Humidity	-40°C~85°C, 20-90%RH
	Tc	90°C
	Material	Metal
	IP Rating	IP20
	Lifetime	26,000h@tc:90°C
	Warranty Condition	3 years
	Switch Cycle	>100,000 times
	Packing Size	Net weight: 255g±5%/PCS; 50PCS/Carton; 13.25kg±5%/Carton; Carton Size: 304*259*259mm[L*W*H]
Dimension	235*53*19mm[L*W*H]	

Dimension(mm)



Wiring Diagram



**Derating Curve****Cautions**

1. This product should be debugged and installed by professionally qualified personnel.
2. This product not waterproof, avoid be exposed to the sun and rain. If installed outdoors, use a waterproof case.
3. Excellent dissipation of heat condition will prolong the product lifetime, please install the product in a well ventilated environment.
4. Please check the output voltage and current of the LED power supply, whether meet product requirement.
5. Use the diameter of wire must be able to load connected LED lamps, and ensure the connection is firm, avoid wires overheat or poor connect caused accident.
6. Before debugging, ensure all wires are corrected connection, avoid lamp damage caused by wiring errors.
7. Installed on metal surface, power supply needs strict grounding, prevent leakage and shock.
8. If happen break down, Please don't self-repairing; if have question, please contact the supplier.

LD100-2H12V (产品代码: 107200140201)

产品特点

- 两通道恒压输出设计
- 适用于灯条, 灯带等室内灯
- 小体积、高效率、高可靠、长寿命
- 在-20°C~+60°C工作正常
- 保护种类: 过载、过压、短路自恢复保护
- 整机典型效率高达87%
- 符合CE认证, 符合RoHS环保标准
- 100%满载老化测试
- 保固期36个月



应用



灯箱



LED灯带



LED硬灯条

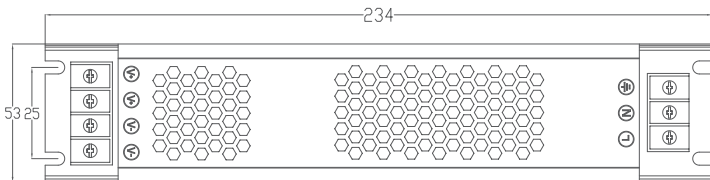


漫反射光源

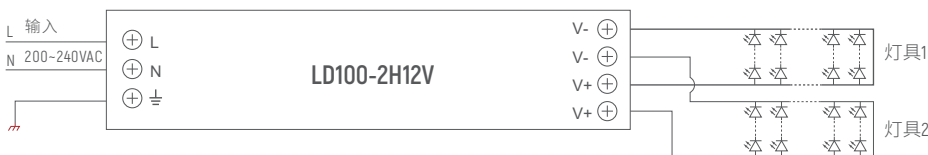
技术参数

型号	LD100-2H12V	
输入	效率	87%@220VAC, 满载
	电压	200VAC-240VAC
	频率	47-63Hz
	功率因数	/
	电流	1Amax@220VAC, 满载
	浪涌电流	冷启动 <40A @200VAC(满载)
输出	电流/电压/功率	8.34A/12VDC/100W
	波纹电流	<350mVp-p
	通道	2
	电压公差	±4%
	启动延时	<1s, at 220Vac
保护	短路	故障排除后自动恢复
	过压	<18VDC 关闭输出, 重启后恢复
	过流	<10.5A故障排除自动恢复
其它	工作温度	-20°C-60°C
	储存温度、湿度	-40°C-85°C, 20-90%RH
	Tc	90°C
	材质	金属
	防水等级	IP20
	寿命	26,000h@tc:90°C
	质保	3年
	开关周期	>100,000次
	包装重量	净重: 255g±5%/个; 50个/箱; 13.25kg±5%/箱; 外箱尺寸: 304*259*259mm(长*宽*高)
	产品尺寸	235*53*19mm(长*宽*高)

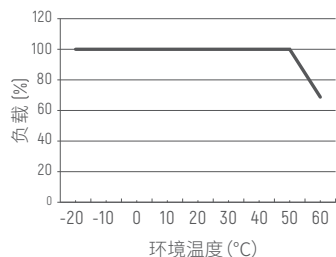
产品尺寸(mm)



应用接线图



### 降额曲线



### 注意事项

1. 本产品请由具有专业资格的人员进行调试安装。
2. 本产品不能防水，需避免日晒雨淋，如安装在户外，请用防水箱。
3. 良好的散热条件会延长产品的使用寿命，请把产品安装在通风良好的环境。
4. 请检查使用的LED电源输出电压电流，是否符合产品要求。
5. 使用的电线直径大小必须能够负载连接的LED灯具，并确保接线牢固，以免电线过热或接触不良触发事故。
6. 通电调试前，应确保所有接线正确，以避免因接线错误而导致灯具损坏。
7. 安装在金属表面，电源应严格可靠接地，以防漏电触电。
8. 如果发生故障，请勿私自维修；如有疑问，请联系供应商。

※ 本说明书内容如有更新，恕不另行通知。若您使用的产品功能与说明书不一致时，请以产品为准。如有疑问请与我们联系。