

PE10-1W12V (107201300101)

Product Feature

- Wide voltage input,full power output
- Insolated PC design
- Isolated design,safe and reliable
- Protections:Over load,Short circuit,over voltage
- Comply with UL/CE/SELV
- Protection grades is as high as IP67
- 5 years warranty



Application



Light box



LED Strip Light

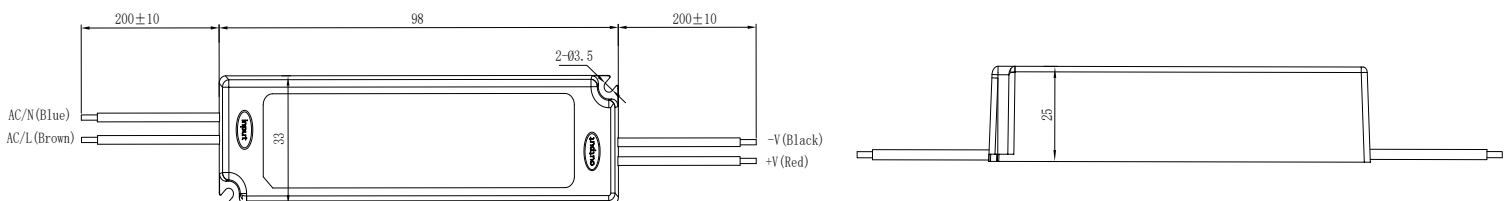


LED Tube

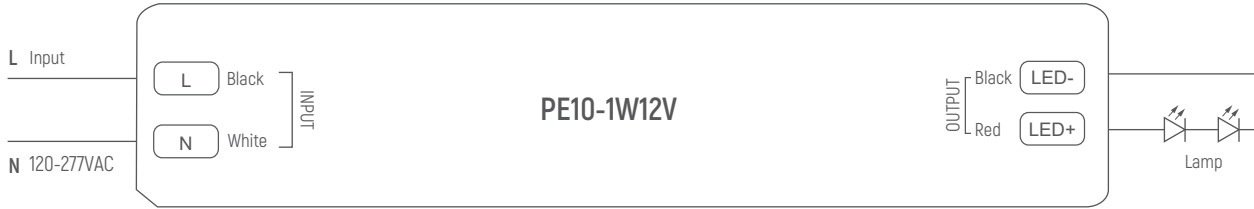
Technical Parameters

Model	PE10-1W12V	
Input	Efficiency	83%@120VAC, Full load
	Voltage	120VAC-277VAC
	Frequency	50/60Hz
	Power Factor	≥0.5@120VAC, full load
	Current	0.25Amax@120VAC
	Standby Power	<0.5W
	Inrush Current	Cold start 50A@230VAC
Output	Current/Voltage/Power	0.83A/12VDC/10W
	Ripple Current	240mVp-p
	Channel	1
	Voltage Tolerance	±5%
	Turn On Delay Time	<2s, at 120Vac
Protection	Short Circuit	Auto recovery when failure is removed
	Over Voltage	<18VDC Shut down the output, After restart recovers automatically.
	Over Current	<1.24A auto recovery when failure is removed
Safety & EMC	Withstand Voltage	I/P-O/P:3000VAC/1min/5mA
	Safety Standards	UL8750(type"HL"),CSA C22.2 No.250.13-12 ; EAC TC004,UL60950-1,TUV EN60350-1; J61347-1,J613447-2-13 GB19510.1,GB19510.14,UL879
Others	Working Temp.	-25°C-50°C
	Storage Temp.; Humidity	-40°C-85°C, 20-90%RH
	Tc	90°C
	Material	PC
	IP Rating	IP67
	Lifetime	50,000h@tc:75°C
	Warranty Condition	5years
	Switch Cycle	>50,000 times
	Packing Size	Net weight: 135g±5%/PCS; 30PCS/Carton; 4.1kg±5%/Carton; Carton Size: 330*220*205mm(L*W*H)
	Dimension	98*33*25mm(L*W*H)

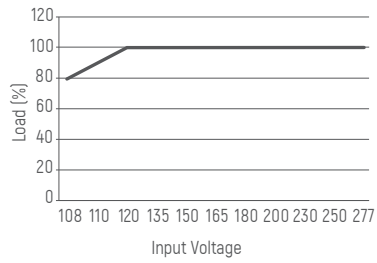
Dimension(mm)



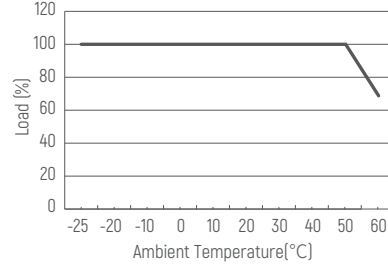
Wiring Diagram



Input Derating Curve



Derating Curve



Cautions

1. This product should cut off the input voltage and installed by a professional.
2. Before installation, the voltage and current output from the power supply shall be confirmed to meet the specification requirements of the lamp.
3. It is waterproof IP67, do not soak in water for a long time when using.
4. The driver should be installed in a well space and environment.
5. The sectional area of the conductor wire which connect to the driver and lamp should be enough (Recommended less than 4A/mm²).
6. Make sure all connections are correct and secure before powering up.
7. If break down during use, it must be repaired by a professional or contact the supplier.

※ The contents of this manual are updated without prior notice. If the function of the product you are using is inconsistent with the instructions, the function of the product shall prevail. Please contact us if you have any questions.

PE10-1W12V (107201300101)

产品特点

- 宽电压输入，足功率输出
- 绝缘塑胶外壳设计
- 采用隔离式设计，安全可靠
- 具有、过载、短路、过压等保护功能
- 符合UL/CE/SELV认证
- 防护等级达IP67
- 5年质保



应用



灯箱



LED灯带

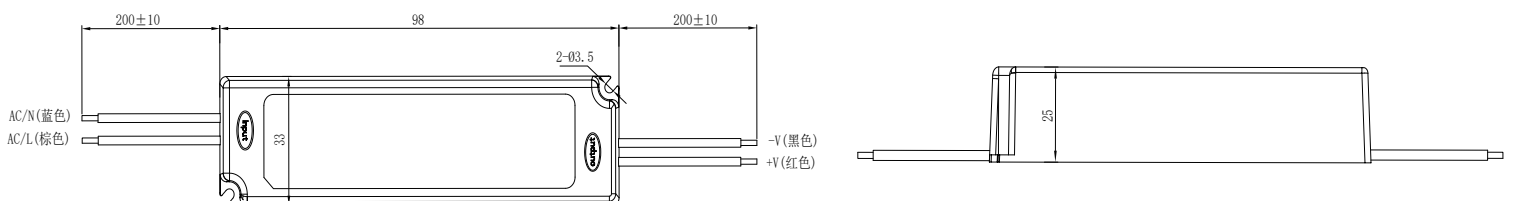


LED硬灯条

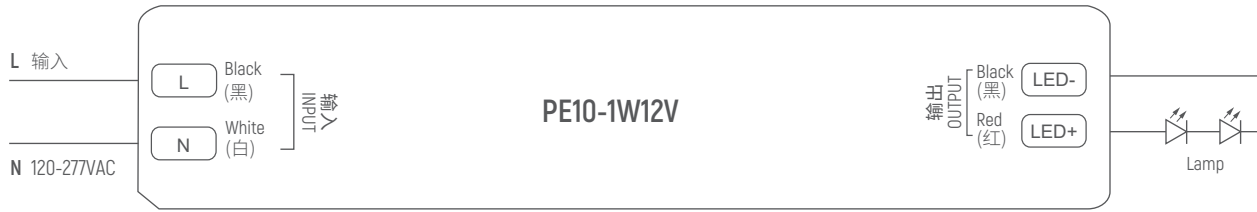
技术参数

型号	PE10-1W12V	
输入	效率	83%@120VAC, 满载
	电压	120VAC-277VAC
	频率	50/60Hz
	功率因数	≥0.5@120VAC, 满载
	电流	0.25Amax@120VAC
	待机功耗	<0.5W
	浪涌电流	冷启动 50A@230VAC
输出	电流/电压/功率	0.83A/12VDC/10W
	纹波电流	240mVp-p
	通道	1
	电压公差	±5%
	启动延时	<2s, at 230Vac
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	<124A故障排除自动恢复
安全与电磁兼容	耐受电压	I/P-O/P:3000VAC/1min/5mA
	安全标准	UL8750(type*HL*),CSA C22.2 No.250.13-12; EAC TC004,UL60950-1,TUV EN60350-1; J61347-1,J613447-2-13 GB19510.1,GB19510.14,UL879
其它	工作温度	-25°C-50°C
	储存温度、湿度	-40°C-85°C, 20-90%RH
	Tc	90°C
	材质	PC
	防水等级	IP67
	寿命	50,000h@tc:75°C
	质保	5年
	开关周期	>50,000次
	包装重量	净重: 135g±5%/个; 30个/箱; 4.1kg±5%/箱; 外箱尺寸: 330*220*205mm(长*宽*高)
	产品尺寸	98*33*25mm(长*宽*高)

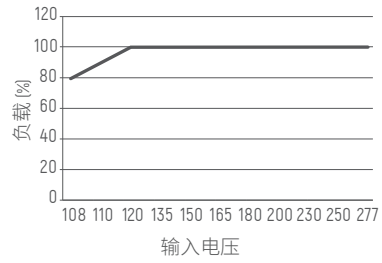
产品尺寸(mm)



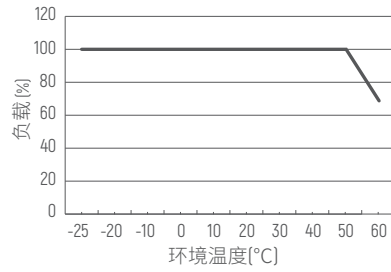
应用接线图



输入降额曲线



降额曲线



注意事项

1. 本电源应切断输入电压并由专业人员进行安装调试
2. 安装前须确认电源输出的电压电流符合灯具的规格要求
3. 本电源防水等级为IP67，不可浸泡在水中工作
4. 电源应安装在良好散热的空间与环境
5. 用于连接电源及灯具的导线面积应足够(建议小于4A/MM²)
6. 通电前，须确认所有连接正确且牢固
7. 使用过程中如发生故障，须由专业人员维修或联络供应商

※ 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。