

UWF60-1W12V

Product Feature

- Width voltage input,full power output
- Design of metal shell, improving heat dissipation performance
- Isolated design,safe and reliable
- Protections:Over load,Short circuit,over voltage
- Comply with CE/UL/SELV
- Protection grades is as high as IP67
- UL Class 2 rated [SAM Manual]
- 5 years warranty





RoHSSELVIP67

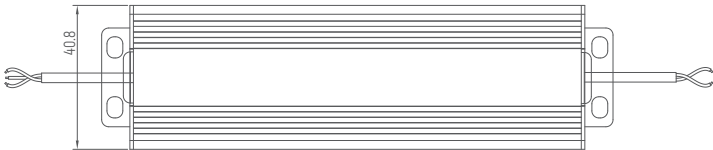
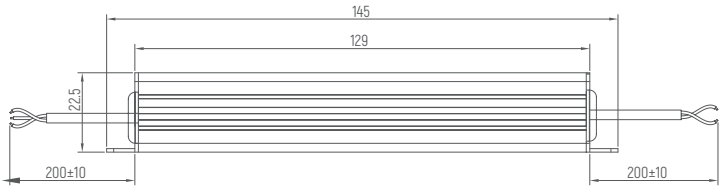
Application



Technical Parameters

Model	UWF60-1W12V	
Input	Efficiency	87%@230VAC, Full load
	Voltage	120VAC-277VAC
	Frequency	50~60Hz
	Power Factor	>0.95@230VAC, Full load
	Standby power	<0.5W
	Current	0.63Amax@120VAC
	Inrush Current	Cold start 50A@230VAC
Output	Current/Voltage/Power	5A/12VDC/60W
	Voltage Tolerance	±1%
	Channel	1
	Start Delay	<1.5s, at 230Vac
Protection	Short Circuit	Auto recovery when failure is removed.
	Over Voltage	<18VDC Shut down the output, After restart recovers automatically.
	Over Load	<6.25A auto recovery when failure is removed.
Safety	Surge	L-N: 2kV
	Withstand Voltage	I/P-O/P:3000VAC/5mA I/P-PG:1500VAC/5mA O/P-PG:500VAC/5mA
	Safety Standards	UL8750(type"HL"),CSA C22.2 No.250.13-12 ; EAC TC004,UL60950-1,TUV EN60350-1, J61347-1J613447-2-13 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	Metal
	IP Rating	IP67
	Lifetime	50,000h@tc:85°C
	Warranty Condition	5 years
	Switch Cycle	>25,000 times
	Packing Size	Net weight: 250g±5%/PCS; 30PCS/Carton; 7.6kg±5%/Carton; Carton Size: 270*203*186mm[L*W*H]
	Dimension	145*40.8*22.5mm[L*W*H]

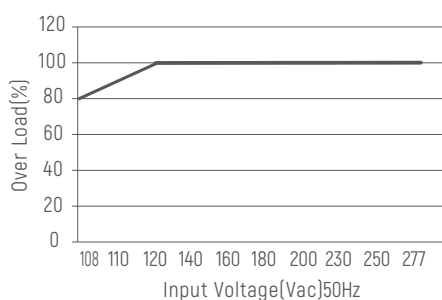
Dimension(mm)



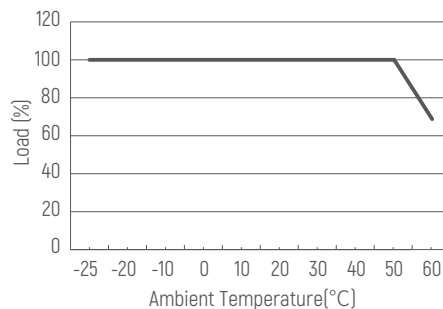
Wiring Diagram



Input Derating Curve



Derating Curve



Cautions

- 1 This product should cut off the input voltage and installed by a professional.
- 2 Make sure that the output voltage and current of the power supply must meet the specifications of the lamp before installation.
- 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.

UWF60-1W12V

产品特点

- 宽电压输入，足功率输出
- 金属外壳设计，提高散热性能
- 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CE/UL/SELV认证
- 防护等级达IP67
- UL Class 2级评级 (SAM手册)
- 5年质保



    **RoHS SELV IP67**

应用



灯箱



LED灯带



LED模组

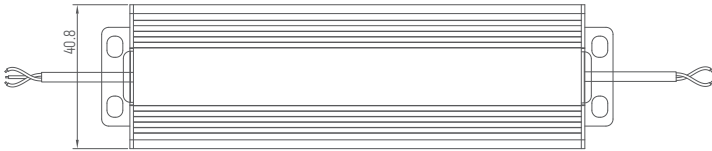
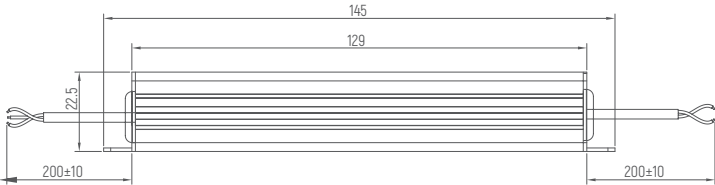


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技术参数

产品型号	UWF60-1W12V	
输入	效率	87%@230VAC, 满载
	电压	120VAC-277VAC
	频率	50~60Hz
	功率因素	>0.95@230VAC, 满载
	待机功耗	<0.5W
	电流	0.63Amax@120VAC
	浪涌电流	冷启动50A@230VAC
输出	电流/电压/功率	5A/12VDC/60W
	电压公差	±2%
	通道	1
	启动延时	<1.5s, at 230Vac
保护	短路	故障排除后自动恢复
	过压	<18VDC关断输出，重启后恢复
	过载	<6.25A故障排除自动恢复
安全	雷涌	L-N: 2kV
	耐受电压	I/P-O/P:3000VAC/5mA I/P-PG:1500VAC/5mA O/P-PG:500VAC/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℃~+50℃
	储存温度&湿度	-40℃~85℃, 20-90%RH
	Tc	90℃
	材质	金属
	防水等级	IP67
	寿命	50,000h@tc:85℃
	质保	5年
	开关次数	>25,000次
	箱重尺寸	净重: 250g±5%/个; 30个/箱; 7.6kg±5%/箱; 外箱尺寸: 270*203*186mm [长*宽*高]
	产品尺寸	145*40.8*22.5毫米[长*宽*高]

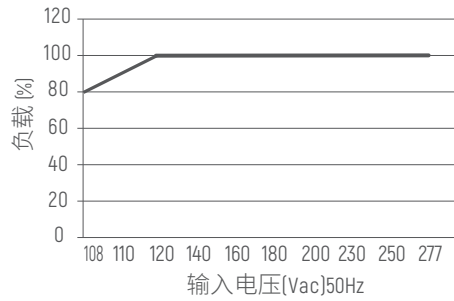
尺寸(mm)



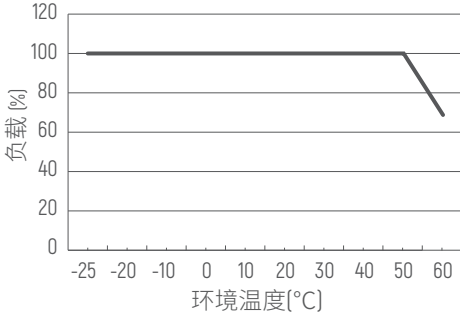
应用接线图



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。