

UWE20-1M12V (Product No.: 107200430101)

Product Feature

- Wide input voltage with active PFC,full loading output
- Ultra-thin design,save install space
- Adapt to the harsh working environment
- Isolated design, safe and reliable
- Protections: overload, over temperature short circuit, lightning protection etc.
- Conformed with CE/CB/CCC/SAA/ENEC/SELV/BIS certification.
- The typical efficiency up to 82%
- Protect level IP67
- Warranty 5 years



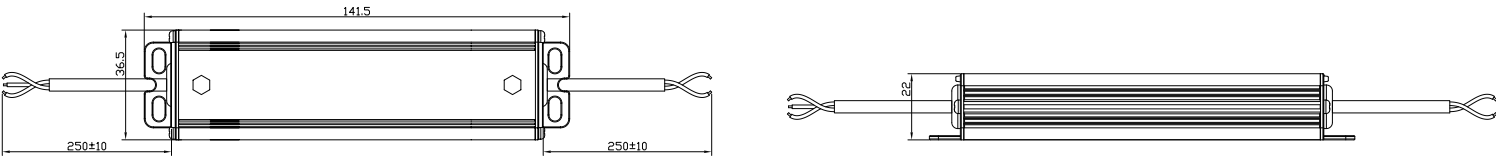
Application



Technical Parameters

Model	UWE20-1M12V	
Input	Efficiency	82%@240VAC, Full load
	Voltage	100VAC-240VAC
	Frequency	47~63Hz
	Power Factor	/
	Current	0.55Amax@240VAC, Full load
	Inrush Current	Cold start <50A @240VAC(full load)
Output	Current/Voltage/Power	1.67A/12VDC/20W
	Ripple Current	<120mVp-p
	Channel	1
	Voltage Tolerance	±5%
Protection	Short Circuit	Auto recovery when failure is removed
	Over Voltage	<18VDC Shut down the output, After restart recovers automatically
	Over Current	<2.17A auto recovery when failure is removed
Others	Working Temp.	-25°C~ +60°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	>100,000 times
	Packing Size	Net weight: 245g±5%/PCS; 50PCS/Carton; 12.75kg±5%/Carton; Carton Size: 334*324*284mm(L*W*H)
	Dimension	140*36.5*22mm(L*W*H)

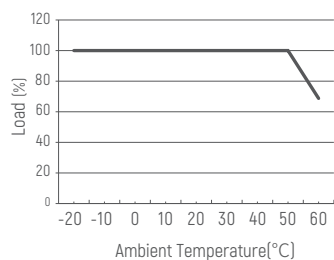
Dimension(mm)



Wiring Diagram



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.

UWE20-1M12V (产品代码: 107200430101)

产品特点

- 宽电压输入，足功率输出
- 超薄设计，节约安装空间
- 适应严酷的工作环境
- 采用隔离式设计，安全可靠
- 具有防雷、过载、短路、过温等保护功能
- 符合CE/CB/CCC/SAA/ENEC/SELV/BIS认证
- 整机典型效率高达82%
- 防护等级达IP67
- 质保期5年



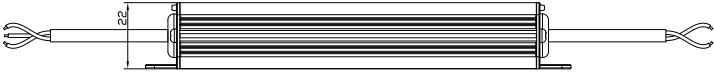
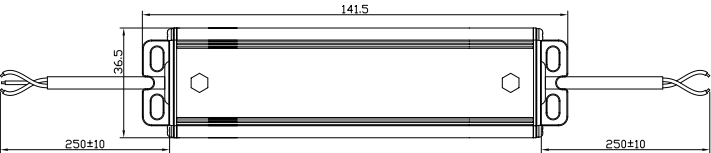
应用



技术参数

型号	UWE20-1M12V	
输入	效率	82%@240VAC, 满载
	电压	100VAC-240VAC
	频率	47-63Hz
	功率因数	/
	电流	0.55Amax@240VAC, 满载
	浪涌电流	冷启动 <50A @240VAC(满载)
输出	电流/电压/功率	1.67A/12VDC/20W
	波纹电流	<120mVp-p
	通道	1
	电压公差	±5%
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	<2.17A故障排除自动恢复
其它	工作温度	-25°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	IP67
	寿命	50,000h@tc:85°C
	质保	5年
	开关周期	>100,000次
	包装重量	净重: 245g±5%/个; 50个/箱; 12.75kg±5%/箱; 外箱尺寸: 334*324*284mm[长*宽*高]
	产品尺寸	140*36.5*22mm[长*宽*高]

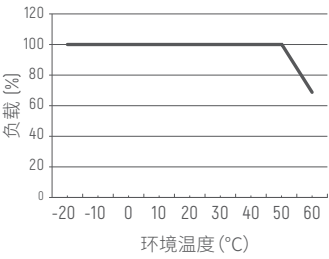
产品尺寸(mm)



应用接线图



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. 安全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

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