

AWS600-1H48V (Product No.: 107202270101)

Product Features

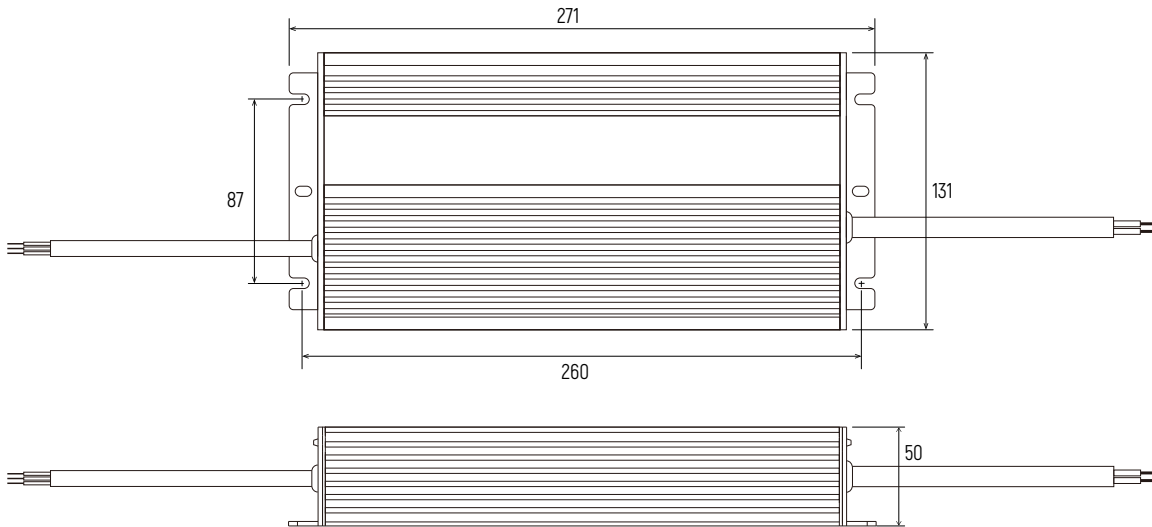
- Single channel output with 48V CV direct current
- With built-in active PFC function
- Ultra-thin design, Waterproof level IP67, High efficiency up to 94%
- Protections: Short circuit, over load, over voltage, lightning protection
- suitable for LED CV lighting, such as LED module, LED strip light, LED tube, and so on


Application

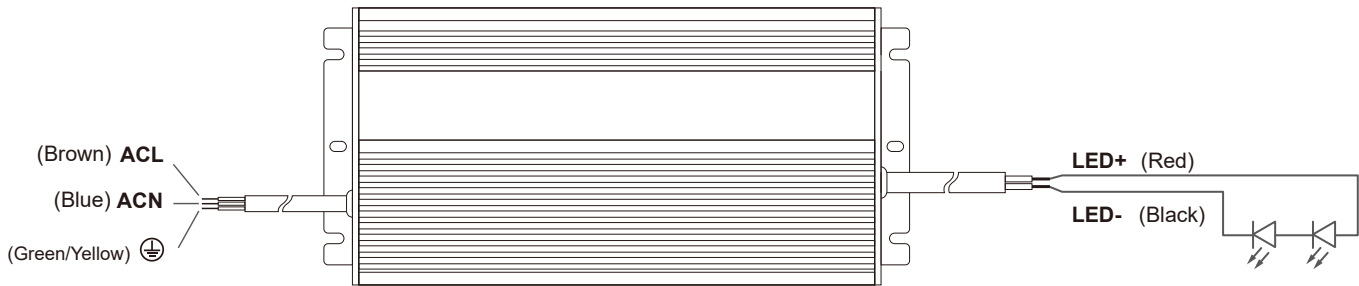
Technical Paramaters

Model	AWS600-1H48V	
Input	Efficiency	94%@230VAC,Full load
	Voltage	220VAC-240VAC
	Frequency Range(Hz)	50/60Hz
	Power Factor	≥0.96@230VAC,Full load
	THD(full load)	<10%@230VAC, Full load
	Standby Power	≤2W
	AC Current(max)	4Amax@230VAC
	Inrush Current(max)	Cold start,73.5A@230VAC 160us
Output	Current(mA)	12.5A
	Voltage (VDC)	48VDC
	Power(W)	600W
	Channel	1
	Current Tolerance	±5%
	No load output voltage	48V ±5%
	Turn on delay Time	<0.75s, at230Vac (When the light begins to shine)
Protection	Short Circuit	Shut down the output , need to power on the device agsin after troubleshooting
	Over Voltage	Reduced current hiccup protection
	Over Load	Reduced current hiccup protection
Safety& EMC	Surgy	L-N 6KV L-PE 10KV N-PE 10KV
	Withstand Voltage	I/P-O/P: 3750Vac/1min/<5mA I/P-GND:1500Vac/1min/<5mA O/P-GND:500Vac/1min/5mA O/P-DIM[Signal port]:1500Vac/1min/<5mA
	Safety Standards	EN61347, GB19510
	EMC Emission	EN50515, EN61000-3-2
	EMC Immunity	EN61000-4-2, 3, 4, 5, 6, 8, 11; EN61547
Others	Working Temp.	-20°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:90°C
	Warranty Condition	5 years
	Switch Cycle	>25,000 times
	Packing(weight)	Net weight: --g±5%/PCS; 10PCS/Carton; --kg±5%/Carton; Carton Size:595*320*168mm(L*W*H)
	Dimension	271*131*50mm (L*W*H)

Dimension(mm)



0/1-10V Wiring



Cautions

- 1.This product should be installed by qualified personnel.
- 2.Good heat dissipation conditions extend product life. Please install the product in a well-ventilated environment.
- 3.Please make sure LED power supply output voltage, current is used to meet the product requirements.
- 4.Please ensure that adequate sized cable is used from the controller to the LED lights to carry the current. Please also ensure that the cable is secured tightly in the connector.
- 5.In case of malfunction, do not repair it yourself.

※ 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.

AWS600-1H48V (产品代码:107202270101)

产品特点

- 单通道恒压直流48V输出
- 含主动PFC, 足功率输出
- 遵循DALI协议标准 IEC62386-207
- 超薄设计, 防水等级IP67, 效率高达94%
- 保护：防雷, 短路保护, 过载保护, 过压保护
- 适用于LED恒压灯具, 如LED模组, 灯带, 灯条等



CE RoHS REACH IP67 SELV

应用



洗墙灯



LED灯带



LED硬灯条



地埋灯

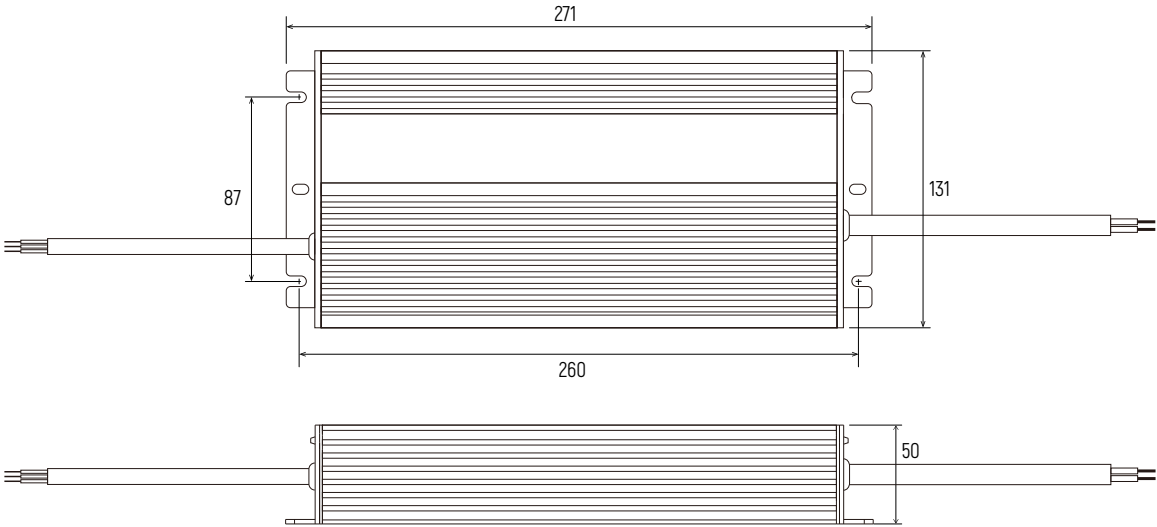


AR斗胆灯

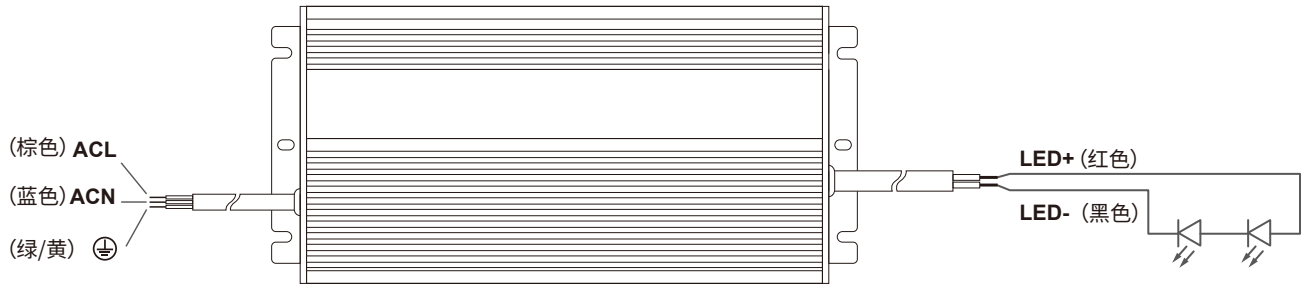
技术参数

型号	AWS600-1H48V	
输入	效率	94%@230VAC, 满载
	电压	220VAC-240VAC
	频率	50/60Hz
	功率因素	0.96@230VAC, 满载
	THD	<10%@230VAC, 满载
	待机功耗	≤2W
	电流	4Amax@230VAC
	浪涌电流	冷启动,73.5A@230VAC 100us
输出	电流	12.5A
	电压	48VDC
	功率	600W
	通道	1
	电流公差	±5%
	空载输出电压	48V ±5%
	启动延时	<0.75s, at230Vac (当灯光开始照耀)
保护	短路	关闭输出，排除故障后需重新上电
	过载	降低电流打嗝保护
	过压	降低电流打嗝保护
安全 & 电磁兼容	雷击	L-N 6KV L-PE 10KV N-PE 10KV
	耐压标准	I/P-O/P: 3750Vac/1min/<5mA I/P-GND:1500Vac/1min/<5mA O/P-GND:500Vac/1min/5mA O/P-DIM[Signal port]:1500Vac/1min/<5mA
	安全标准	EN61347, GB19510
	电磁兼容	EN50515, EN61000-3-2
	EMC抗扰度	EN61000-4-2, 3, 4, 5, 6, 8, 11; EN61547
其它	工作温度	-20℃~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	50,000小时@tc:90℃
	质保	5年
	开关周期	>25,000次
	包装尺寸(重量)	净重:--g±5%/PCS; 5PCS/Cartron; --kg±5%/箱; 外箱尺寸: 300*320*168mm(长*宽*高)
	尺寸	271*131*50mm (长*宽*高)

尺寸(mm)



接线图



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、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。
- 3、请检查使用的LED电源输出电压电流，是否符合产品要求。
- 4、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。
- 5、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。