

AED15/20-12/24VIP44-3A 15/20W LED Driver

LED Driver 12V/24V **15/20W**



Product Feature:

- Constant Voltage
- Protection type: overload/overvoltage
- Fully protective plastic shell
- Class 2
- Suitable for use in indoor LED lighting
- 100% full load aging test

• 3 Year Warranty



P/N		AED15-12VIP44-3A	AED15-24VIP44-3A	AED20-12VIP44-3A	AED20-24VIP44-3A
Input	Output Voltage/输出电压	12V	24V	12V	24V
	Voltage Accuracy/电压精度	±5%	±5%	±5%	±5%
	Output Current/输出电流	1.25A	0.625A	1.67A	0.83A
	Output rated power/额定功率	15W	15W	20W	20W
	Max. no Load Voltage/最大空载电压	14V	27V	14V	27V
	Load Regulation/负载调整率	±3%			
Output	Voltage range/电压范围	198-264Vac			
	Frequency range/频率范围	47-63Hz			
	Power Factor/功率因数	≥0.8		≥0.85	
	Efficiency/效率 (Typ.)	82%	84%	82%	84%
	Input current/输入电流	600mA(Max)		630mA(Max)	
	Surge current/浪涌电流 (Max)	10A@230Vac满负载冷态			
	Leakage Current/漏电流	0.5mA			
	Line Regulation/线性调整率	±2%			
	Start up time/启动、上升时间 备注5	0.5s			
	Heating film rated current/加热膜额定电流	0.5A@220-240Vac Max			
Protection	Overload/过负载	大于额定输出功率的1.1-1.4倍,产品输出电压降低,异常解除恢复正常			
	Short circuit protection/短路保护	短路时,产品无损伤,打隔,短路解除后,可自动恢复			
Environment	Operating temperature/humidity /工作温度、湿度	-20℃~40℃/ 20%~90% RH			
	Storage Temperature/humidity /储存温度、湿度	-20℃~80℃/ 10%~95% RH			
	Vibration/耐振动	10~500Hz,2G 10分钟/周期,X、Y、Z轴各60分钟			
	Noise/噪声 (最大) 备注2	24DB			
Safety regulations and electromagnetic compatibility	Safety specification/安全规范 备注6	EN61347-1,EN61347-2-13 GB19510.1-2009,GB19510.14-2009			
	Withstand Voltage/耐压	I/P-O/P :3750Vac			
	Insulation Resistance/绝缘阻抗	I/P-O/P, 100Mohms/500Vdc/25℃/70%RH			
	Electromagnetic compatible emission/电磁兼容发射	EN55015: 2019 EN61000-3-2/3 GB17625.1 GB17625.2			
	Electromagnetic compatibility immunity/电磁兼容抗扰度	EN 61547 EN61000-4-2, 3, 4, 5, 6, 11 GB/T17626.2, 3, 4, 5, 6, 11			
	Lifetime/寿命	30000H			
	Size/尺寸	125mm*55mm*16.5mm			
Packaging/包装	375*320*225mm-A=A-标准箱				
Remarks	<p>1. Unless otherwise specified, all specifications and parameters are measured at 230VAC input, rated load, and 25 °C ambient temperature.</p> <p>2. Noise measurement method: Test the distance between the speaker and the product within 300mm.</p> <p>3. Under low input voltage, it is necessary to derate the output. Please refer to the static characteristic curve for details.</p> <p>4. The power supply is considered as a component used in conjunction with the terminal equipment, as EMC is affected by the entire device, and the terminal equipment manufacturer needs to re confirm the EMC of the</p>				

entire device.

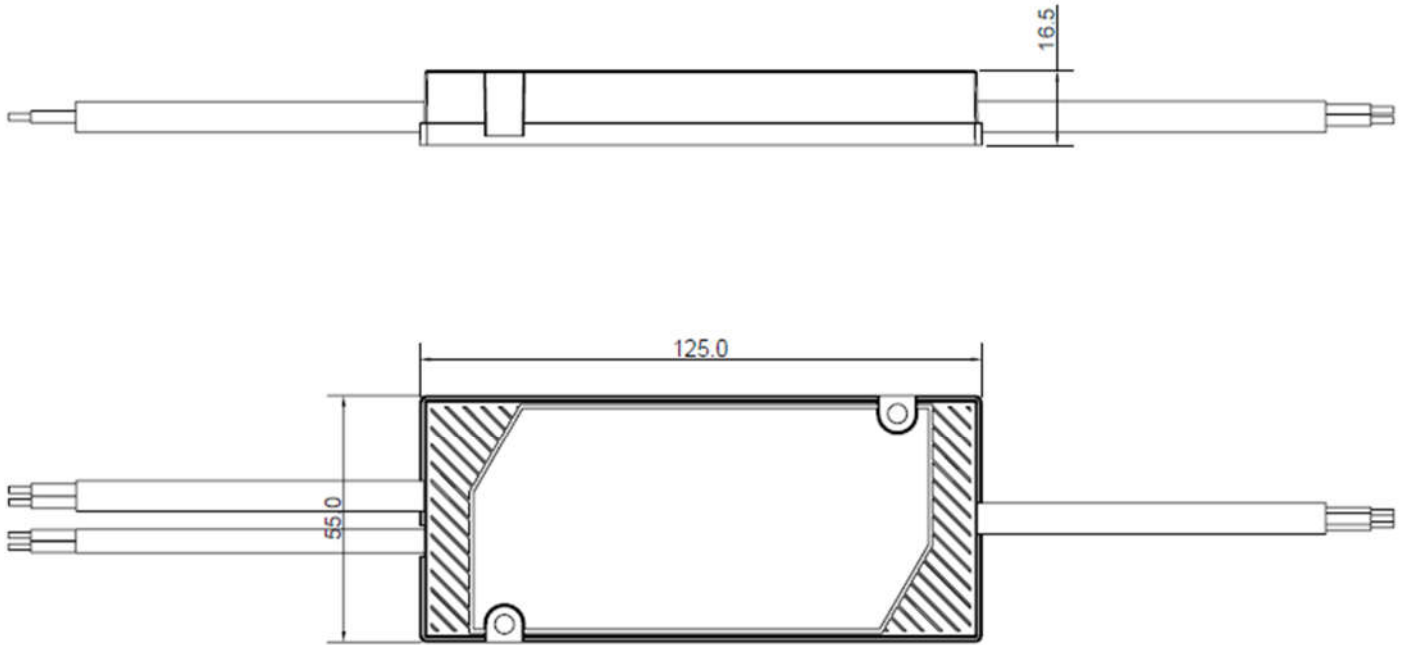
5. The startup time is measured in a cold start state, and continuous switching on and off may increase the startup time.

6. The model certified by CCC, CE, and TUV (EN61347-1 EN61347-2-13) is optional. Please contact Letaron for details.

15/20W电源

■ 机构尺寸/Mechanical drawings.

单位: mm

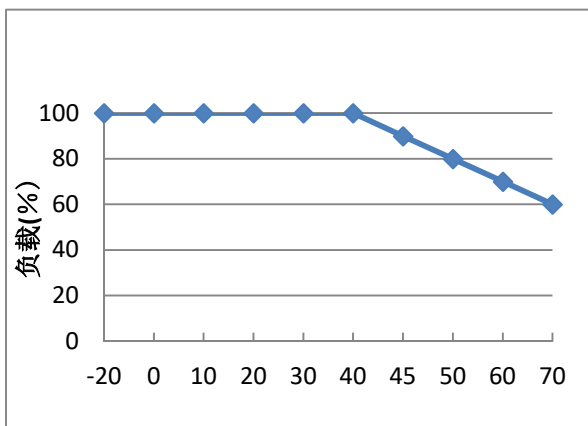


※:接线图/Wiring diagram.

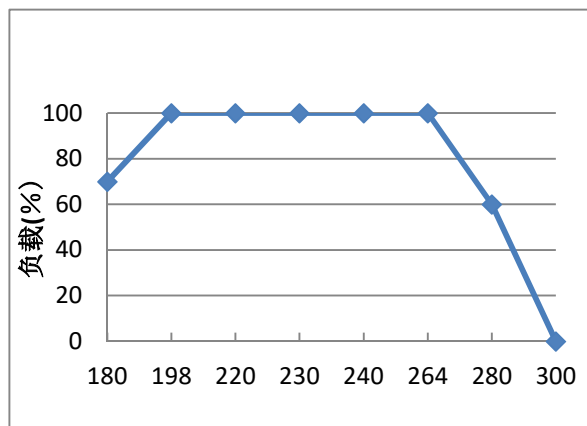


■ 减额曲线/Deduction curve.

■ 负载与输入电压特性曲线 Load and input voltage characteristic curve



环境温度 (°C)



输入电压 (Vac)