


Magnetic Power Supply 一体化磁吸专用电源
Model 型号: KGP-S-*V**N**


| Model 型号 | Rated Input Voltage 输入电压 | Input Current 输入电流 | Output Power Range 输出功率范围 | Output Voltage 输出电压 | Output Current 输出电流 | PF 功率因数 | Efficiency 效率 |
|---------------|--------------------------|--------------------|---------------------------|---------------------|---------------------|---------|---------------|
| KGP-S-100V48N | 176-264VAC | ≤0.6A | 0-100W | 48V | 0-2.1A | ≥0.95 | ≥90% |
| KGP-S-100V24N | 176-264VAC | ≤0.6A | 0-100W | 24V | 0-4.2A | ≥0.95 | ≥88% |

* Test result @230V, 50Hz, Full Load. 所有测试参数基于@230V, 50Hz, 满载

1. Parameters 参数表

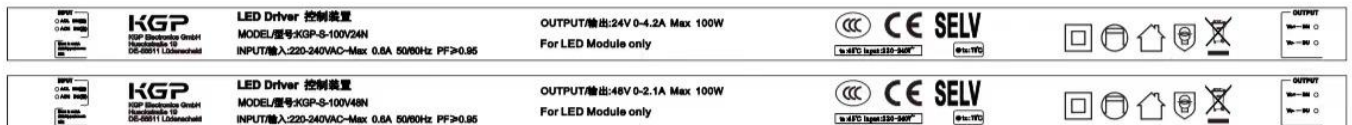
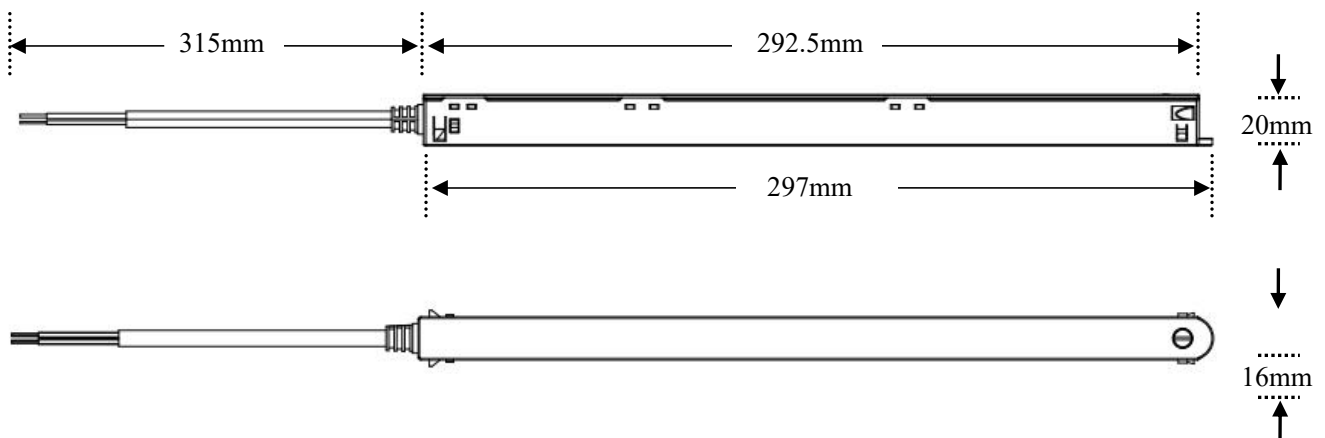
| category 类别 | Item 项目 | Technical Norm 技术指标 |
|------------------|---|--------------------------------|
| Features 特性 | Output Type 输出类型 | Constant Voltage 恒压 |
| | Dimming Type 调光类型 | N/A |
| | IP Grade 等级 | IP20 |
| | Insulation Class 绝缘等级 | Class II |
| Input 输入参数 | Rated Input Voltage 额定输入电压 | 220-240VAC |
| | Range of Input Voltage 输入电压范围 | 176-264VAC |
| | Frequency 输入频率 | 50/60Hz |
| | Input Current 输入电流 | ≤0.6A (230VAC, full load) |
| | Power Factor 功率因数 | ≥0.95 (230VAC, full load) |
| | Inrush Current 涌入电流 | ≤60A/220us (230VAC, Full-load) |
| | THD 谐波 | ≤15% 230VAC/50Hz, 100%满载 |
| Output 输出参数 | Voltage Accuracy 电压精度 | ±5% |
| | Max. Output Power 最大输出功率 | 100W |
| | Started Delay Time 启动延时 | ≤0.5S (230VAC, full load) |
| | Voltage Ripple 纹波电压 | ±5%(Umax-Umin)/(Umax+Umin) |
| | Range of Output Current Adjustment 输出电流调节范围 | 0-2.1A(48V) 0-4.2A(24V) |
| Protection 保护特性 | Short Circuit Protection 短路保护 | Auto Recovery |
| | Over current Protection 过流保护 | Auto Recovery |
| | Over-temperature Protection 过温保护 | Auto Recovery |
| Environment 使用环境 | Ta/Operation Temperature 工作温度 | -25...+45℃ |
| | Ts/Storage Temperature 储存温度 | -40....+85℃ |
| | Tc/Enclosure Temperature 外壳温度 | 75℃ |
| | Humidity 湿度 | 5%....85%RH |
| Construction 安装 | Connection Method 连接方式 | 点触式 |
| | Installation 安装方式 | Independent/独立式 |



| | | |
|-----------------|-----------------------|--|
| | Dimension 尺寸 | 297×16×20mm(L*W*H) |
| Standards 标准 | Certification 证书 | |
| | Safety Standards 安全标准 | EN61347-1:2015 EN61347-2-13:2014/A1:2017 EN62493:2015 GB19510.1 GB19510.14 |
| | EMC Standards 电磁兼容标准 | EN55015:2013/A1:2015 EN61000-3-2:2014 EN61000-3-3:2013 EN61547:2009 GB 17743 GB 17625.1 |
| | Performance 性能标准 | EN62384 |
| | Surge 浪涌 | L N/1.5KV |
| Others 其它 | RoHS 环保 | Complied to 2011/65/EU |
| | Life Time 寿命 | 50000h @Ta/Tc |

Remark/备注

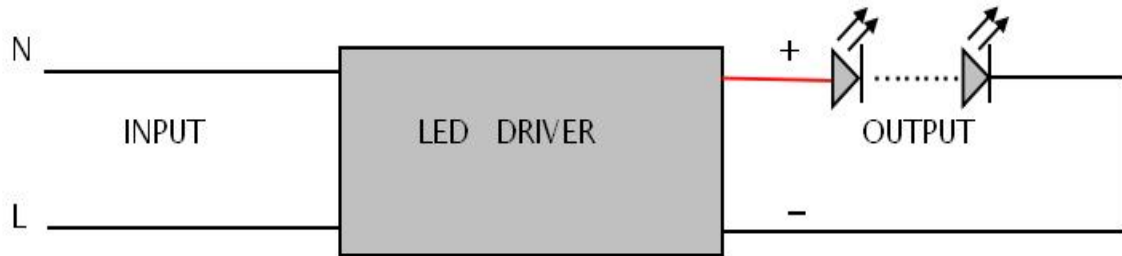
- 所有参数无特别说明，均在输入电压 230VAC/50Hz 和 25℃ 的环境温度下测得。All Parameters, if not specified, are measured at 230VAC/50Hz and 25℃ ambient temperature.
- LED 电源作为整灯中的一个零部件与终端设备结合使用，因 EMC 性能受 LED 灯具以及走线的影响，终端设备制造商需对整套装置重新进行 EMC 确认。LED Driver is a component of the luminaires, Luminaires and wire layout will affect the EMC, please check the EMC with end products again.

2.Label 铭牌

3. Dimension尺寸 (Unit: mm)


4.Packing information 装箱信息

| Carton/纸箱尺寸 L*W*H(mm) | Pcs/Carton 数量/箱 | Net weight/ Pcs(kg) 净重/个 | Net weight/ Carton(kg)净重/箱 | Gross weight / Carton(kg)毛重/箱 |
|--------------------------|--------------------|-----------------------------|-------------------------------|----------------------------------|
| 447*240*200 | 30 | 0.156 | 4.68 | 6.4 |

5.Wiring Diagram 接线图



6.Wiring instructions 接线说明

- All connections must be kept as short as possible to ensure good EMI behaviour

所有的连接线尽可能的短，以保证良好的 EMI

- Mains leads should be kept apart from LED Driver and other leads (ideally 5 – 10 cm distance)

电源线应和驱动器以及其他连接线保持一定的距离（建议 5-10cm）

- Advice the maximum length of output wires is 3 m

建议输出线的最大长度不超过 3m

- Secondary switching is not permitted (Except for constant voltage)

不允许二次侧开关（恒压除外）

- Incorrect wiring can damage LED modules.

错误的布线会损坏 LED 模组

- The wiring must be protected against short circuits to earth (sharp edged metals parts, metal cable clips, louver, etc.)

防止线路电线对地短路。（尖锐的金属零件、金属电缆夹、百叶窗等）

