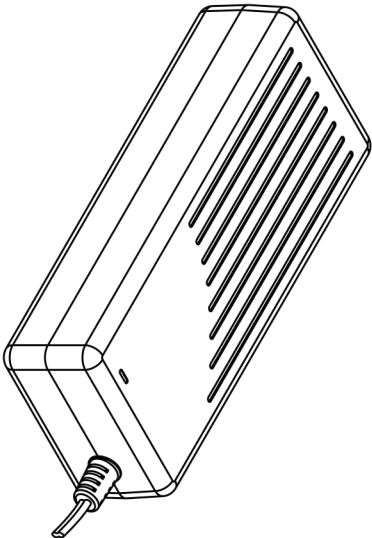
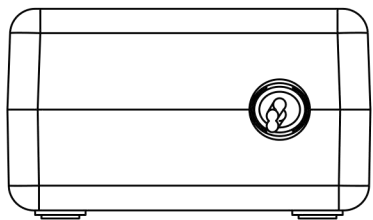
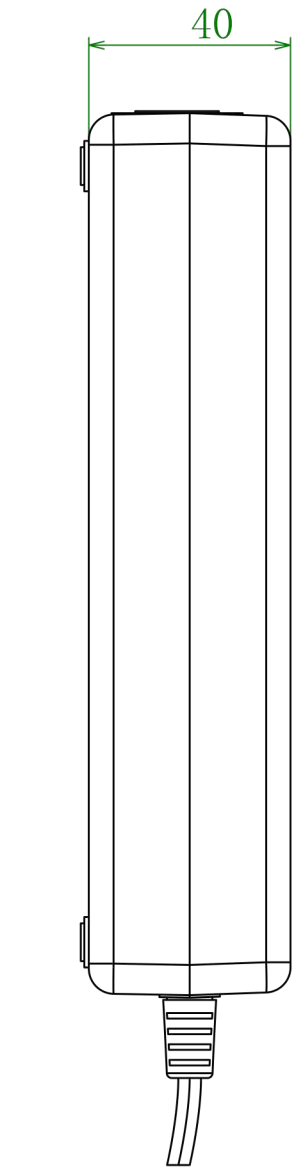
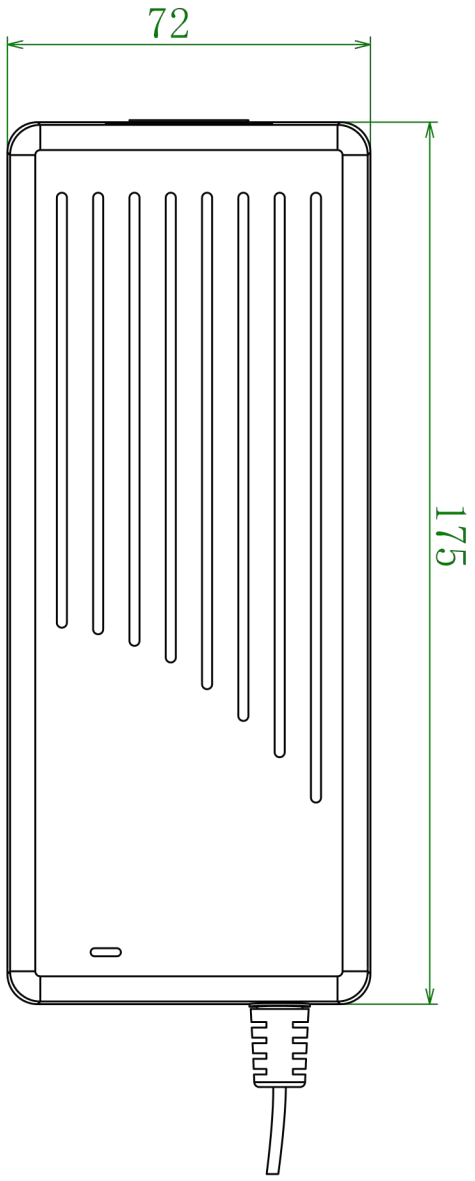




### G168-480035 (48.0V 3.5A) Power Adapter

| 项目 Item                     | 规格 Specification                   | 备注 Remark  |
|-----------------------------|------------------------------------|--|
| <b>1.输入特性 Input</b>         |                                    |  |
| 额定输入电压 Rating input voltage | 100~240Vac 50/60Hz                 |  |
| 输入电压范围 Input voltage range  | 90~264Vac                          |  |
| 额定输入电流 Rating input current | 2.2Arms                            | Input:100VAC Output:Full load  |
| 功率因素 Power factor           | PF>0.98                            | Input:115VAC Output:Full load  |
|                             | PF>0.94                            | Input:230VAC Output:Full load  |
| 效率 Efficiency               | 93.0%                              | Input:115VAC Output:Full load  |
|                             | 95.0%                              | Input:230VAC Output:Full load  |
| 待机功耗 Standby power          | 200mW                              | Input:115VAC&230VAC  |
| 浪涌电流 Inrush current         | 30A/115VAC 50A/230VAC              | Cold-start and 25°C,Full-load  |
| 漏电流 Leakage current         | <500uA                             | 240VAC   |
| <b>2.输出特性 Output</b>        |                                    |  |
| 输出电压 Output voltage         | 48V                                |  |
| 输出电流范围 Output current range | 0-3.5A                             |  |
| 额定最大功率 Rated maximum power  | 168W                               |  |
| 电压精度 Voltage tolerance      | ±2%                                |  |
| 线电压调整率 Voltage regulation   | ±1%                                |  |
| 负载调整率 Load regulation       | ±5%                                |  |
| 启动时间 Start-up time          | 300ms                              | Input:115VAC Output:Full load  |
| 上升时间 Rise time              | 30ms                               | Input:115VAC Output:Full load  |
| 保持时间 Hold time              | 20ms                               | Input:115VAC Output:Full load  |
| 纹波电压 Ripple voltage         | 250mV                              | 20MHz , AC coupling mode, connected in parallel with 0.1uf ceramic capacitor and 47uf electrolytic capacitor |
| <b>3.保护 Protect</b>         |                                    |  |
| 过载保护 OLP                    | 110-160% , 锁定模式                    |  |
| 过压保护 OVP                    | 锁定模式                               |  |
| 短路保护 SCP                    | 锁定模式                               |  |
| 过温保护 OTP                    | 锁定模式                               |  |
| <b>4.环境要求 Environment</b>   |                                    |  |
| 工作温度 Operate temperature    | -10 ~ +40°C                        |  |
| 工作湿度 Operate humidity       | < +90%                             | 相对湿度 Relative humidity   |
| 存储温度 Storage temperature    | -40 ~ +70°C                        |  |
| 存储湿度 Storage humidity       | 0 ~ +95%                           | 相对湿度 Relative humidity   |
| 冷却方式 Cooling                | 自然冷却 Natural                       |  |
| 抗振动 Vibration resistance    | 5MM/50HZ/600S                      | 非运行状况 Non-operating condition  |
| 抗冲击 Impact resistance       | 1 meter drop test 3 times          | 非运行状况 Non-operating condition  |
| <b>5.结构 Mechanical</b>      |                                    |  |
| 重量 Weight                   | 680g                               |  |
| 尺寸 Size                     | 171X71X40MM                        | 外壳尺寸Casing only  |
| 接线端子 Connector              | 按客户要求制定 Refer to order             |  |
| <b>6.安全特性 Safety</b>        |                                    |  |
| 最大温升 Max. temperature rise  | < 40°C on casing                   |  |
| 安全认证 Safety approval        | CE/GS/PSE/SAA/FCC/CCC/cTUVus/CB/BS |  |
| 平均无故障时间 MTBF                | 30000H                             |  |
| 静电等级 ESD                    | 8.0KV                              |  |
| 隔离耐电压 Hi-Pot Insulation     | i/p to o/p: 3000V (1 min)          |  |

| CUSTOMER REV | REV | ZONE | DESCRIPTION | CHA BY/DATE | APP BY/DATE |
|--------------|-----|------|-------------|-------------|-------------|
|              |     |      |             |             |             |



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|               |                   |               |             |
|---------------|-------------------|---------------|-------------|
| TITLE:        |                   | MATEL:        |             |
| MODEL:        |                   | G168W-XXXXXX  |             |
| DES BY:       | CAD FILE:         | UNIT : mm     | TEXTURE NO. |
| CHECK BY:     | COLOR:            | Paper Size:A4 | SCALE:      |
| CUSTOMER P/N: | FINISH/TREATMENT: |               | DATE:       |
| PART NO.:     |                   | FIT           |             |
| APP BY:       |                   | DATE:         |             |