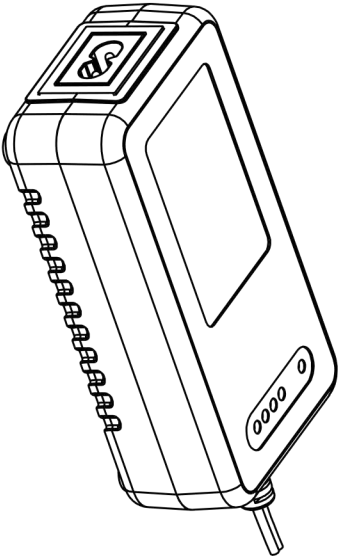
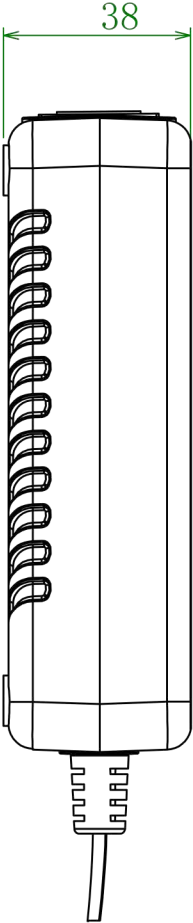
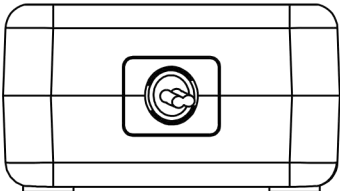
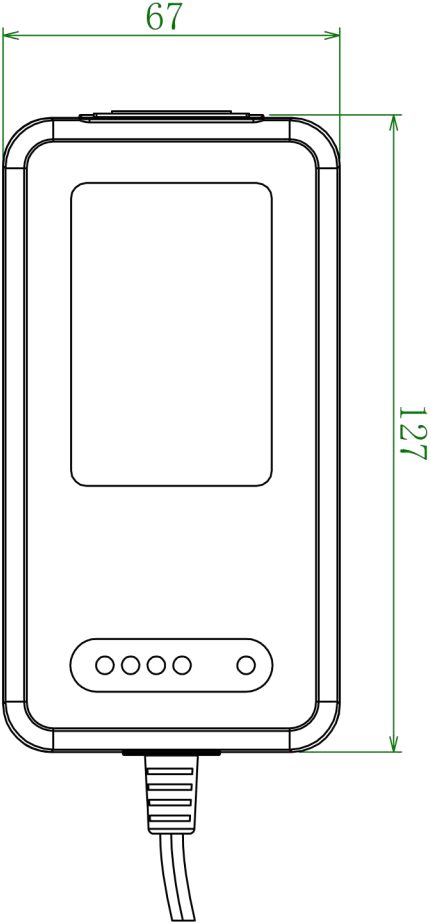




| G60-24F6 (21.6V 2.1A) 6S Li-Fe Battery Charger |                           |                               |
|------------------------------------------------|---------------------------|-------------------------------|
| 项目 Item                                        | 规格 Specification          | 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                    | 1.0Arms                   | Input:100V Output:Full load   |
| 最大输入功率 Max input power                         | 60W                       | Input:100V Output:Full load   |
| <b>2.输出特性 Output</b>                           |                           |                               |
| 空载输出电压 No load output voltage                  | DC21.6V                   |                               |
| 输出电压范围 Output voltage range                    | DC15.0~21.6V              |                               |
| 适用电池 Suit with battery type                    | 6S Li-Fe battery          |                               |
| 恒定电流 Charging current                          | 2.1A $\pm 10\%$           |                               |
| 恒定电压 Charging voltage                          | DC21.6V $\pm 0.3V$        |                               |
| 预充电流 Pre-charge                                | 0.5A $\pm 0.1A$           | 电压 $\leq 15.6V$ 预充            |
| 充电结束电流 Charge-end current                      | $\leq 0.2A \pm 10\%$      |                               |
| 定时器 Timer                                      | -                         |                               |
| 最大输出功率 Max output power                        | 45.36W                    |                               |
| 纹波电压 Ripple voltage                            | $\leq 216mV$              | 满载 Full load                  |
| 电源指示灯 Power LED                                | 红色 Red                    | 接通电源 Power on                 |
| 电量指示灯 Charging LED                             | 不亮 All off                | 未接电池 No battery               |
|                                                | 全亮 All on                 | 充电完成 Finished                 |
|                                                | 全闪 All flashing           | 故障 Error                      |
|                                                | 轮流亮 Flashing one by one   | 充电中 Charging                  |
| 输出短路保护 Shorted                                 | 有 Yes                     |                               |
| 输出反接保护 Reversed                                | 有 Yes                     |                               |
| 效率 Efficiency                                  | $\geq 85\%$               | 满载 Full load @220V            |
| <b>3.环境要求 Environment</b>                      |                           |                               |
| 工作温度 Operate temperature                       | -10 ~ +40℃                |                               |
| 工作湿度 Operate humidity                          | < +90%                    | 相对湿度 Relative humidity        |
| 存储温度 Storage temperature                       | -40 ~ +70℃                |                               |
| 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>4.结构 Mechanical</b>                         |                           |                               |
| 重量 Weight                                      | 270g                      |                               |
| 尺寸 Size                                        | 120X67X41MM               | 外壳尺寸 Casing only              |
| 接线端子 Connector                                 | 按客户要求制定 Refer to order    |                               |
| <b>5.安全特性 Safety</b>                           |                           |                               |
| 最大温升 Max. temperature rise                     | < 40℃ on casing           |                               |
| 安全认证 Safety approval                           | CE/cTUVus/PSE/CCC         |                               |
| 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 |
|--------------|--|-----|------|-------------|-------------|-------------|
|              |  |     |      |             |             |             |

| 1                  |  | 2                          | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|--------------------|--|----------------------------|---|---|---|---|---|---|---|----|
| A                  |  | TOLERANCE FOR INJECT PARTS |   |   |   |   |   |   |   |    |
| DIVISION DIMENSION |  | TOLERANCE (CLASS 5)        |   |   |   |   |   |   |   |    |
| -10                |  | ± 0.10                     |   |   |   |   |   |   |   |    |
| 10-30              |  | ± 0.15                     |   |   |   |   |   |   |   |    |
| 30-50              |  | ± 0.20                     |   |   |   |   |   |   |   |    |
| 50-75              |  | ± 0.25                     |   |   |   |   |   |   |   |    |
| 75-100             |  | ± 0.30                     |   |   |   |   |   |   |   |    |
| 100-125            |  | ± 0.35                     |   |   |   |   |   |   |   |    |
| 125-150            |  | ± 0.40                     |   |   |   |   |   |   |   |    |
| 150-175            |  | ± 0.45                     |   |   |   |   |   |   |   |    |
| 175-200            |  | ± 0.50                     |   |   |   |   |   |   |   |    |
| 200-250            |  | ± 0.60                     |   |   |   |   |   |   |   |    |
| 250-315            |  | ± 0.70                     |   |   |   |   |   |   |   |    |
| 315-355            |  | ± 0.80                     |   |   |   |   |   |   |   |    |
| 355-400            |  | ± 0.90                     |   |   |   |   |   |   |   |    |
| 400-450            |  | ± 1.00                     |   |   |   |   |   |   |   |    |
| 450-500            |  | ± 1.10                     |   |   |   |   |   |   |   |    |



|               |                   |               |         |
|---------------|-------------------|---------------|---------|
| 深圳市谷润数字电源有限公司 |                   |               |         |
| TITLE:        |                   | MATE:         |         |
| MODEL:        |                   | G60W          |         |
| DES BY:       | CAID FILE:        | UNIT : MM     | WEIGHT: |
| CHECK BY:     | COLOR:            | Paper Size:A4 | SCALE:  |
| APP BY:       | FINSH/ TREATMENT: |               | DATE:   |