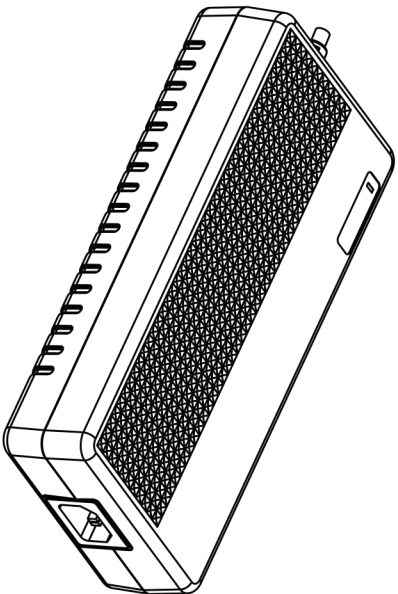
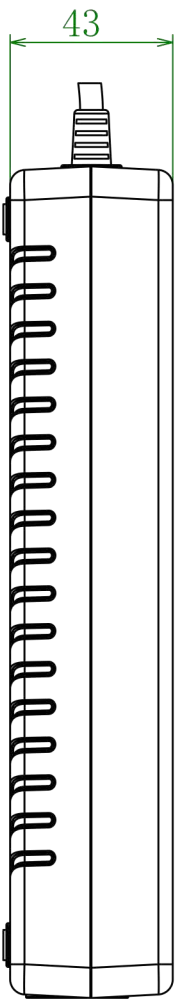
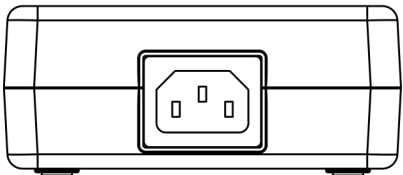
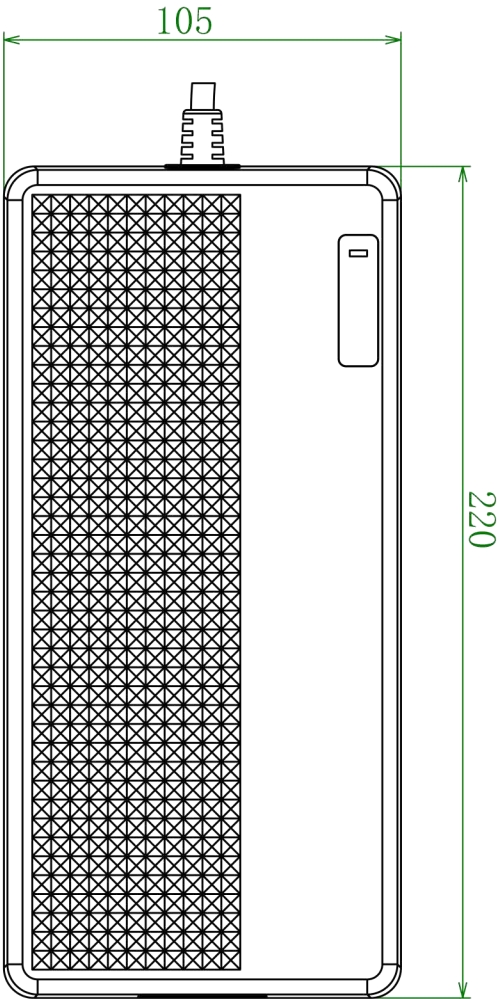




## G300-432069 (43.2V 6.9A) 12S Li-Fe Battery Charger

| 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   | 4.5Arms                   | Input:100V 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                                                                                                                     |
| 待机功耗 Standby power            | 1W                        | Input:115VAC&230VAC                                                                                                                               |
| 最大输入功率 Max input power        | 330W                      | Input:100V Output:Full load                                                                                                                       |
| <b>2.输出特性 Output</b>          |                           |                                                                                                                                                   |
| 空载输出电压 No load output voltage | DC43.2V $\pm 1\%$         |                                                                                                                                                   |
| 输出电压范围 Output voltage range   | DC30.0~43.2V              |                                                                                                                                                   |
| 适用电池 Suit with battery type   | 12S Li-Fe battery         |                                                                                                                                                   |
| 恒定电流 Charging current         | 6.9A $\pm 7\%$            |                                                                                                                                                   |
| 恒定电压 Charging voltage         | DC43.2V $\pm 1\%$         |                                                                                                                                                   |
| 预充电流 Pre-charge               | 1.38A $\pm 7\%$           | 电压 $\leq 36V$ 预充                                                                                                                                  |
| 充电结束电流 Charge-end current     | $\leq 0.69A \pm 10\%$     |                                                                                                                                                   |
| 定时器 Timer                     | -                         |                                                                                                                                                   |
| 最大输出功率 Max output power       | 298.08W                   |                                                                                                                                                   |
| 纹波电压 Ripple voltage           | $\leq 520mV$              | 满载 Full load                                                                                                                                      |
| 充电指示灯 Charging LED            | 红灯闪 Red LED flashing      | 2Hz Error                                                                                                                                         |
|                               | 绿灯闪 Green LED flashing    | 0.45Hz 空载 No battery;<br>0.83Hz $< 25\%$ Capacity;<br>1.25Hz $\geq 25\%$ Capacity;<br>1.66Hz $\geq 50\%$ Capacity;<br>2.5Hz $\geq 75\%$ Capacity; |
|                               | 绿灯常亮 Green LED on         | 充满 Full                                                                                                                                           |
| 输出短路保护 Shorted                | 有 Yes                     |                                                                                                                                                   |
| 输出反接保护 Reversed               | 有 Yes                     |                                                                                                                                                   |
| 效率 Efficiency                 | $\geq 95\%$               | 满载 Full load @220V                                                                                                                                |
| <b>3.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>4.结构 Mechanical</b>        |                           |                                                                                                                                                   |
| 重量 Weight                     | 1.3Kg                     |                                                                                                                                                   |
| 尺寸 Size                       | 220X105X44MM              | 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    | $< 40^{\circ}C$ on casing |                                                                                                                                                   |
| 安全认证 Safety approval          | CB/CE/FCC                 |                                                                                                                                                   |
| 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:        |  |            |       | MATE:         |            |
| MODEL:        |  |            |       | G300-XXXXXX   |            |
| DES BY:       |  | CAID       | FILE: | UNIT : mm     | WEIGHT:    |
| CHECK BY:     |  | COLOR:     |       | Paper Size:A4 | TEXTURE    |
| APP BY:       |  | TREATMENT: |       | FINSH/        | SCALE: 1:1 |
| CUSTOMER P/N: |  |            |       | DATE:         |            |