



深圳市谷润数字电源有限公司

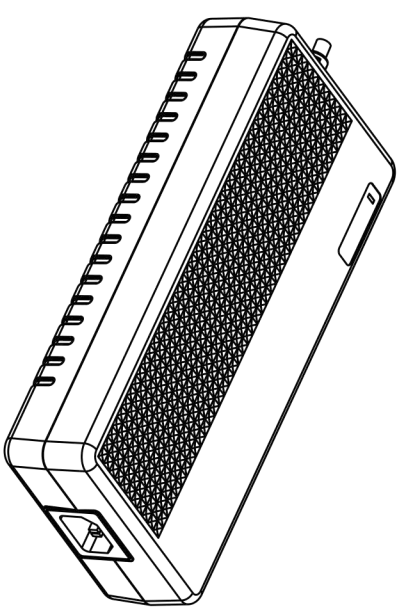
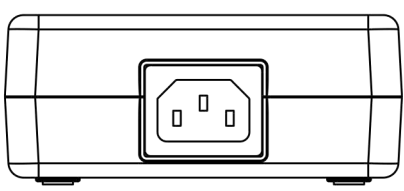
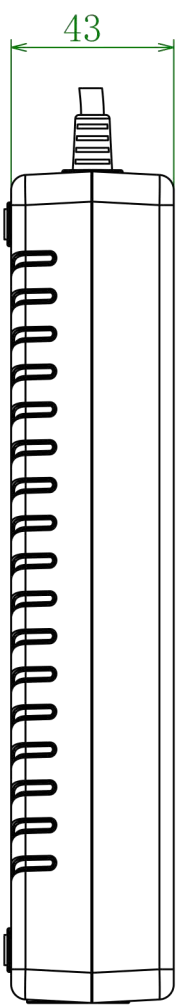
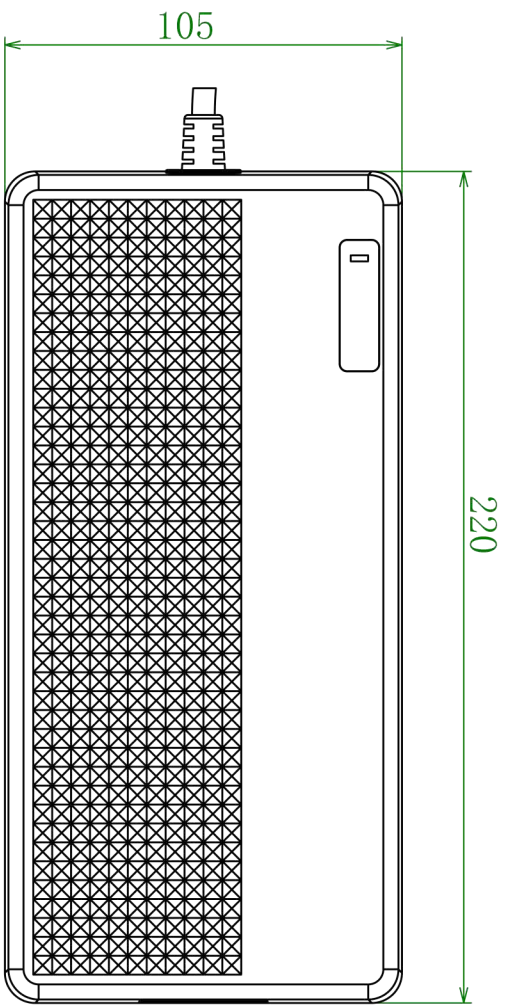
http://www.green-charger.com

Shenzhen Green Digital Power-Tech CO.,LTD

**G300-592050 (59.2V 5.0A) Pb-Acid 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              | 320W                      | Input:100V Output:Full load  |
| <b>2.输出特性 Output</b>                |                           |  |
| 空载输出电压 No load output voltage       | DC59.2V $\pm$ 1%          |  |
| 输出电压范围 Output voltage range         | DC40.0~59.2V              |  |
| 适用电池 Suit with battery type         | 48V Pb-Acid battery       |  |
| 恒定电流 Charging current               | 5.0A $\pm$ 7%             |  |
| 恒定电压 Charging voltage CV (H)        | DC59.2V $\pm$ 1%          |  |
| 浮充电压 Floating charge voltage CV (L) | DC55.2V $\pm$ 1%          |  |
| 充电结束电流 Charge-end current           | $\leq$ 1.0A $\pm$ 20%     |  |
| 定时器 Timer                           | -                         |  |
| 最大输出功率 Max output power             | 296W                      |  |
| 纹波电压 Ripple voltage                 | $\leq$ 710mV              | 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°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:        |                   | MATEL:        |             |
| MODEL:        |                   | G300-XXXXXX   |             |
| DES BY:       | CAD FILE:         | UNIT : mm     | WEIGHT:     |
| CHECK BY:     | COLOR:            | Paper Size:A4 | TEXTURE NO. |
| APP BY:       | FINISH/TREATMENT: | SCALE:        | Fit         |
| CUSTOMER P/N: |                   | DATE:         |             |