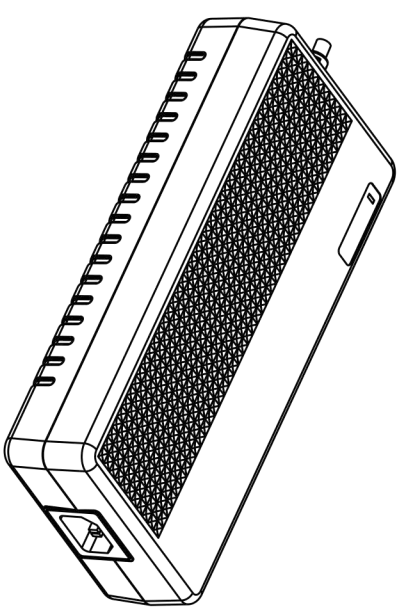
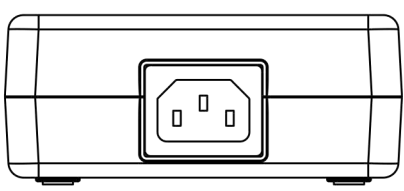
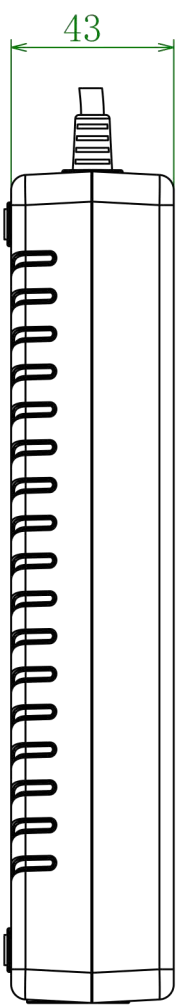
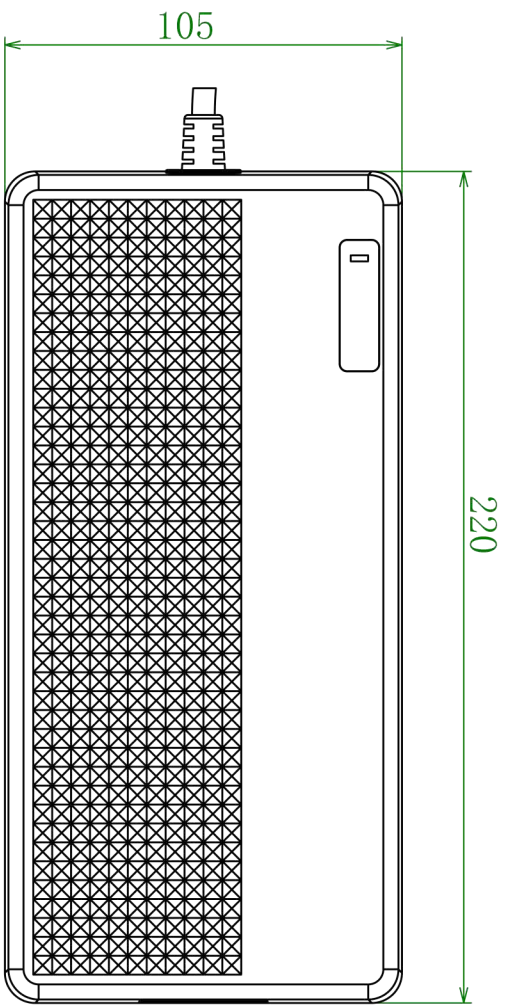


**G300-210142 (21.0V 14.2A) Power Adapter**

| 项目 Item | 规格 Specification | 备注 Remark |
|-----------------------------|---------------------------|--|
| 1.输入特性 Input | | |
| 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: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 | 92.0% | Input:115VAC Output:Full load |
| | 94.0% | Input:230VAC Output:Full load |
| 待机功耗 Standby power | 160mW | Input:115VAC&230VAC |
| 浪涌电流 Inrush current | 50A/115VAC 80A/230VAC | Cold-start and 25°C,Full-load |
| 漏电流 Leakage current | <500uA | 240VAC |
| 2.输出特性 Output | | |
| 输出电压 Output voltage | 21V | |
| 输出电流范围 Output current range | 0-14A | |
| 额定最大功率 Rated maximum power | 298.2W | |
| 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 | 20ms | Input:115VAC Output:Full load |
| 保持时间 Hold time | 20ms | Input:115VAC Output:Full load |
| 纹波电压 Ripple voltage | 180mV | 20MHz , AC coupling mode, connected in parallel with 0.1uf ceramic capacitor and 47uf electrolytic capacitor |
| 3.保护 Protect | | |
| 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 | |
| 4.环境要求 Environment | | |
| 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 |
| 5.结构 Mechanical | | |
| 重量 Weight | 1.3Kg | |
| 尺寸 Size | 220X105X43MM | 外壳尺寸Casing only |
| 接线端子 Connector | 按客户要求制定 Refer to order | |
| 6.安全特性 Safety | | |
| 最大温升 Max. temperature rise | < 40°C on casing | |
| 安全认证 Safety approval | CE | |
| 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 |
|--------------|-----|------|-------------|-------------|-------------|
| | | | | | |



深圳市谷润数字电源有限公司

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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: | |