



| L100-12F4 (14.4V 5.0A) 4S Li-Fe Battery Charger | | |
|---|-----------------------------|-------------------------------|
| 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 | 1.5Arms | Input:100V Output:Full load |
| 最大输入功率 Max input power | 100W | Input:100V Output:Full load |
| 2.输出特性 Output | | |
| 空载输出电压 No load output voltage | DC14.4V | |
| 输出电压范围 Output voltage range | DC10.0~14.4V | |
| 适用电池 Suit with battery type | 4S Li-Fe battery | |
| 恒定电流 Charging current | 5.0A ±10% | |
| 恒定电压 Charging voltage | DC14.4V ±0.2V | |
| 充电结束电流 Charge-end current | ≤0.4A±0.1A | |
| 定时器 Timer | - | |
| 最大输出功率 Max output power | 72W | |
| 纹波电压 Ripple voltage | ≤144mV | 满载 Full load |
| 充电指示灯 Charging LED | 红色Red:Charging | |
| | 绿色Green:Full charge or idle | |
| 输出短路保护 Shorted | 有Yes | |
| 输出反接保护 Reversed | 有Yes | |
| 效率 Efficiency | ≥83% | 满载 Full load @220V |
| 3.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 |
| 4.结构 Mechanical | | |
| 重量 Weight | 400g | |
| 尺寸 Size | 170X70X41MM | 外壳尺寸Casing only |
| 接线端子 Connector | 按客户要求制定 Refer to order | |
| 5.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) | |