



| L100-48 (58.8V 1.5A) 14S Li-ion 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                     | 1.5Arms                     | Input:100V Output:Full load   |
| 最大输入功率 Max input power                          | 100W                        | Input:100V Output:Full load   |
| <b>2.输出特性 Output</b>                            |                             |                               |
| 空载输出电压 No load output voltage                   | DC58.8V                     |                               |
| 输出电压范围 Output voltage range                     | DC35~58.8V                  |                               |
| 适用电池 Suit with battery type                     | 14S Li-ion battery          |                               |
| 恒定电流 Charging current                           | 1.5A $\pm 10\%$             |                               |
| 恒定电压 Charging voltage                           | DC58.8V $\pm 0.7V$          |                               |
| 充电结束电流 Charge-end current                       | $\leq 0.13A \pm 0.03A$      |                               |
| 定时器 Timer                                       | -                           |                               |
| 最大输出功率 Max output power                         | 88.2W                       |                               |
| 纹波电压 Ripple voltage                             | $\leq 588mV$                | 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                                   | $\geq 87\%$                 | 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                                       | 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      |                               |
| <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                            | 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)   |                               |