

**L500-36 (42.0V 11.0A) 10S 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   | 5.5Arms                     | Input:100V Output:Full load   |
| 最大输入功率 Max input power        | 550W                        | Input:100V Output:Full load   |
| <b>2.输出特性 Output</b>          |                             |                               |
| 空载输出电压 No load output voltage | DC2.2V                      |                               |
| 输出电压范围 Output voltage range   | DC25.0~42.0V                |                               |
| 适用电池 Suit with battery type   | 10S Li-ion battery          |                               |
| 恒定电流 Charging current         | 11.0A ±10%                  |                               |
| 恒定电压 Charging voltage         | DC42.0V ±1%                 |                               |
| 充电结束电流 Charge-end current     | ≤0.4A-1.0A                  |                               |
| 定时器 Timer                     | 单节电池电压>4V后, 定时5小时           |                               |
| 最大输出功率 Max output power       | 462W                        |                               |
| 纹波电压 Ripple voltage           | ≤420mV                      | 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                 | ≥88%                        | 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                     | 1.2Kg                       |                               |
| 尺寸 Size                       | 250X125X72MM                | 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/PSE                      |                               |
| 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)   |                               |

