

## Product Specifications Sheet 产品规格表

**Model Description 型号规格:** 603035/550mAh/3.70V

| No. | Item   | Specification          | Note   |
|-----|--|------------------------|--|
| 1   | <b>Limited Charge Voltage</b><br>充电限制电压          | 4.20V                  |  |
| 2   | <b>Charge Voltage Upper Limit</b><br>充电上限电压      | 4.25V                  |  |
| 3   | <b>Nominal Voltage</b><br>标称电压                   | 3.70V                  |  |
| 4   | <b>Minimum Capacity (Rated capacity)</b><br>最小容量 | 550mAh                 | Capacity measurement:<br>Charge: Charge with 0.2C <sub>5Amin</sub> constant current to 4.20V, then 4.20V constant voltage charge until charge current is reduced to cut off limit 0.02 C <sub>5Amin</sub> .<br>Discharge: 0.2 C <sub>5Amin</sub> discharge to 3.0V.<br>容量测试方法:<br>充电: 用 0.2 C <sub>5Amin</sub> 恒流充电至 4.20V, 保持 4.20V 恒压充电直到充电电流达到截止电流 0.02 C <sub>5Amin</sub> 。<br>放电: 0.2 C <sub>5Amin</sub> 恒流放电至 3.0V。<br>※ Temperature: 25°C ± 2°C.<br>※ 环境温度: 25°C±2°C。 |
| 5   | <b>Standard Charge Current</b><br>标准充电电流         | 0.2 C <sub>5Amin</sub> |  |
| 6   | <b>Max Charge Current</b><br>最大充电电流              | 1.0 C <sub>5Amin</sub> |  |
| 7   | <b>Standard Discharge Current</b><br>标准放电电流      | 0.2 C <sub>5Amin</sub> |  |
| 8   | <b>Max Discharge Current</b><br>最大放电电流           | 3000mA                 |  |
| 9   | <b>Discharge Cut-off Voltage</b><br>放电截止电压       | 3.00V                  |  |
| 10  | <b>AC IR</b><br>交流内阻                             | ≤60mΩ                  |  |
| 11  | <b>25±2°C Cycle Life</b><br>常温循环寿命               | ≥300 Times             | The capacity retention ≥ 80%   |
| 12  | <b>Operation Temperature</b><br>工作温度             | -20°C~ +60°C           | Discharge temperature range<br>放电温度范围  |
|     |  | 0°C~ +45°C             | Charge temperature range<br>充电温度范围   |

Above parameters are for reference only, AUCOPO may adjust the parameters in line with different application and project, please contact our sales for final specification.

以上所示参数仅供参考, 万宝公司可能根据应用和项目的具体要求调整以上参数, 请联系我们的销售人员确认最终的电芯参数规格。

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|    |  |  |  |
|----|--|--|--|
| 13 | <b>Allowable Temperature and Humidity Range</b><br>允许温度和湿度范围 | Over 3 month : -20~27°C<br>Less than 3 month:-20~35°C<br>Less than 1 month: -20~45°C | Relative Humidity: ≤75%.<br>Recommended storage at 30%~50%SOC.<br>相对湿度: ≤75%。<br>建议电芯在 30%~50%电量下储存。 |
| 14 | <b>Weight</b><br>重量  | About 11.50g   |  |

## Cell Dimensional Drawing 电芯尺寸图

Not in scale (未按比例)



| 项目 Items | 描述 Description | 尺寸和规格 Dimension and Spec                            |
|----------|----------------|---|
| T        | Thickness 厚    | 6.00mm Max (Fresh)<br>6.48mm (After cycle swelling) |
| W        | Width 宽        | 30.10mm Max   |
| L        | Length 长       | 35.50mm Max   |

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