

LIRO63450A

Lithium Ion Battery

Brief Datasheet

1 Basic Specification

| | | |
|---------------------------|-----------|--|
| Nominal Voltage | | 3.7V |
| Nominal Capacity | | 1050mAh (0.2C discharge) |
| Internal Resistance | | ≤60mohms |
| Maximum Charge Current | | 1C |
| Maximum Discharge Current | | 1C |
| Charge Method | | CC/CV (Constant Current/Constant Voltage) 0.5C for 5hrs; 1.0C for 2.5hrs |
| Charge Voltage | | 4.20V |
| Discharge cut-off voltage | | 3.0V |
| Operation Temperature | Charge | 0°C to 45°C |
| | Discharge | -20°C to 55°C |
| Storage Temperature | | -5°C to 35°C |
| Cycle life | | 300 Cycles |
| Weight | | Approx.23.7g |
| Voltage of Shipment | | 3.70V-3.90V (about 50% capacity) |

*1C =1 Capacity

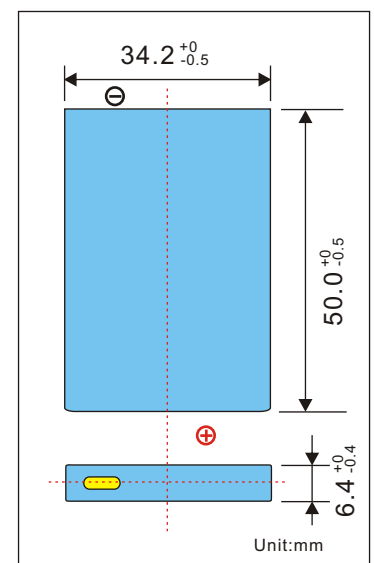
**"A" stands for Aluminium case

2 MAIN FEATURES

- Long shelf-life and low self-discharge rate.
- Easily customized, Energy density, High capacity.

3 WARNING

- Do not overcharge, force charge, short circuit, disassemble, deform, heat or place the battery near a direct flame. Any of the above actions could cause it to ignite, explode or become damaged.
- Keep this battery out of the reach of children.
- When storing the battery or throwing it away, be sure to cover with tape.



Note: Any representations in this brochure concerning performance, are for informational purposes only and are not construed as warranties either expressed or implied, of future performance.