

LIR053450 Lithium Ion Battery

Brief Datasheet

1 Basic Specification

Nominal Voltage	3.7V	
Nominal Capacity	800mAh (0.2C discharge)	
Internal Resistance	≤60m Ω (at 1kHz)	
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	-10°C to 45°C
Storage Temperature	0°C to 35°C	
Cycle life	300 Cycles	
Weight	Approx.17g	
Voltage of Shipment	3.70V-3.90V (about 50% capacity)	
Material of the shell	Stainless steel	

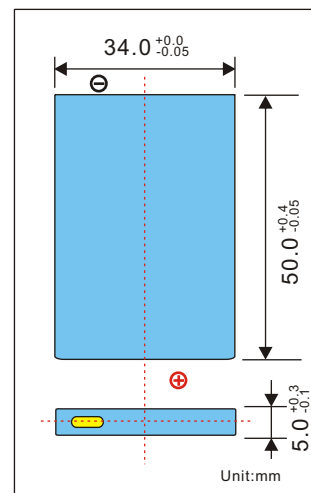
*1C =1 Capacity

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.