

Lithium ion Battery LIR103450A Brief Datasheet

1. BASIC SPECIFICATION:

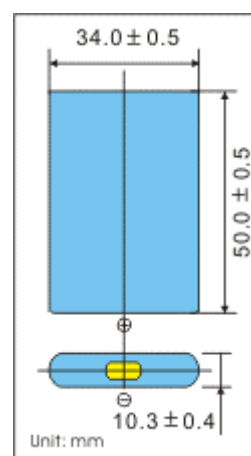
Model:	LIR103450A	Nominal Capacity:	1800mAh
Charging Voltage:	4.20V	Nominal Voltage:	3.7V
Storage:	1 month -20 ~ 60°C 3 months -20 ~ 45°C 1 year -20 ~ 25°C	Operating Temperature:	For standard charge: 0°C~45°C For discharge: -20°C~60°C
Cut-off Discharge Voltage:	2.75V	Max. Discharge Current:	1C
Max. Charge Current:	1C	Cycle Life:	>300cycles
Internal Impedance:	30 ~70 mΩ	Weight of Bare Cell:	Approx. 41.2g
Voltage of Shipment:	3.70V – 3.90V (about 50% capacity)	Relative Humidity:	65 ± 20%
Charging Method:	CC/CV (constant current/constant voltage) 0.5C for 5hours; 1.0C for 2.5hours		

2. MAIN FEATURES

- High Voltage and High Energy Density
- Long Shelf-life, Low-discharge Rate and Wide Operational Temperature Range
- Excellent Cycle Life and No Memory Effect.
- Environmentally Friendly with No Poison and No Pollution

3. WARNING!

- * Do not overcharge, force discharge, 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 it with tape.



BATTERY DIMENSION

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.