

Lithium ion Battery LIR2450 Brief Datasheet

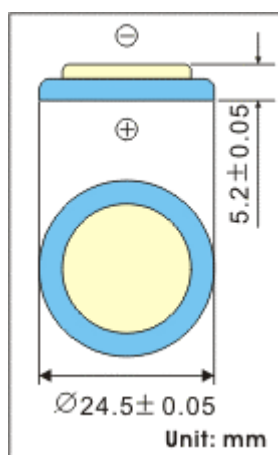
1. BASIC SPECIFICATION:

Model:	LIR2450	Nominal Capacity:	100mAh
Charging Voltage:	4.20V	Nominal Voltage:	3.7V
Charging Method:	Constant current: 50mA Constant voltage: 4.20V Totally: 5hours	Ambient Temperature:	For standard charge: 0°C~45°C For discharge: -20°C~60°C
Cut-off Discharge Voltage:	3.0V	Max. Discharge Current:	200mA
Max. Charge Current:	100mA	Cycle Life:	500cycles (0.2C charge and discharge, 23°C)
Internal Impedance: (charge state)	400mΩ	Weight of Bare Cell:	Approx. 5.5g
Storage:	For within the temperature: -20°C~60°C For within the humidity: 75%		

2. MAIN FEATURES

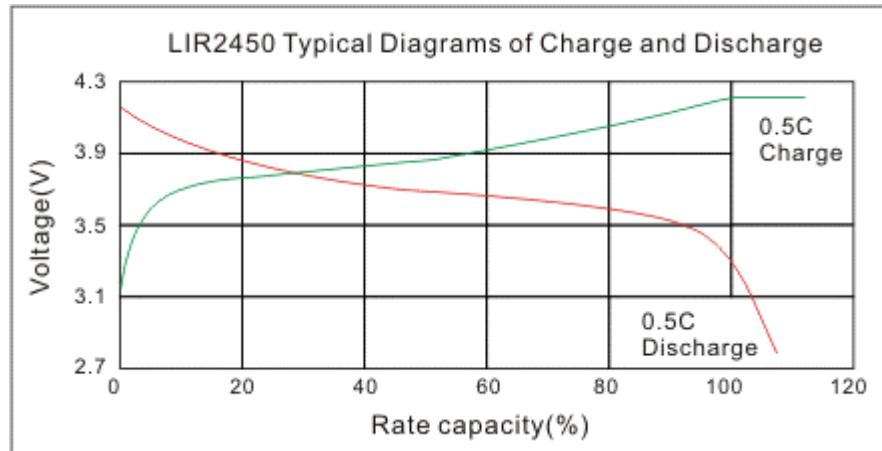
- High Voltage and High Energy Density
- Long Shelf-life, Low-discharge Rate and Wide Operational Temperature Range
- Excellent Cycle Life and No Memory Effect.
- Environmentally Friendly with No Poison and No Pollution

3. 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.

4. ELECTRICAL CHARACTERISTICS



Charge: CC/CV 4.2V, 50mA(0.5C) Total 5hours

Discharge: 50mA(0.5C) Cut-off at 3.0V

Temperature: 25°C

5. 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.

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