

LIR053040A Lithium Ion Battery

Brief Datasheet

1 Basic Specification

Nominal Voltage	3.7V	
Nominal Capacity	550mAh (0.2C discharge)	
Internal Resistance	40-80mΩ	
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	2.75V	
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(≥80% of Nominal Capacity)	
Weight	Approx.13.6g	
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.

Autec Battery LTD.

Add : 667 E. Cochran St. Simi Valley, CA 93065

Tel: 805-522-0888 Fax: 805-522-8777

E-mail : battery@autec.com Website: www.autecbattery.com

