

# LIRO63448A Lithium Ion Battery

## Brief Datasheet

### 1 Basic Specification

Nominal Voltage	3.7V	
Nominal Capacity	950mAh (0.2C discharge)	
Internal Resistance	30-70mΩ	
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	
Weight	Approx.23.5g	
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.

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