

# Lithium ion Battery LIR2025 Brief Datasheet

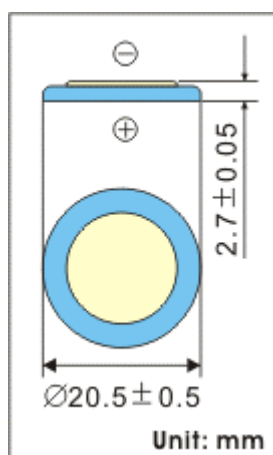
## 1. BASIC SPECIFICATION:

<b>Model:</b>	LIR2025	<b>Nominal Capacity:</b>	20mAh
<b>Charging Voltage:</b>	4.20V	<b>Nominal Voltage:</b>	3.7V
<b>Charging Method:</b>	Constant current: 10mA Constant voltage: 4.20V Totally: 5hours	<b>Ambient Temperature:</b>	For standard charge: 0°C~45°C For discharge: -20°C~60°C
<b>Cut-off Discharge Voltage:</b>	3.0V	<b>Max. Discharge Current:</b>	40mA
<b>Max. Charge Current:</b>	20mA	<b>Cycle Life:</b>	500cycles (0.2C charge and discharge, 23°C)
<b>Internal Impedance: (charge state)</b>	750mΩ	<b>Weight of Bare Cell:</b>	Approx. 2.2g
<b>Storage:</b>	For within the temperature: -20°C~60°C For within the humidity: 75%		

## 2. MAIN FEATURES

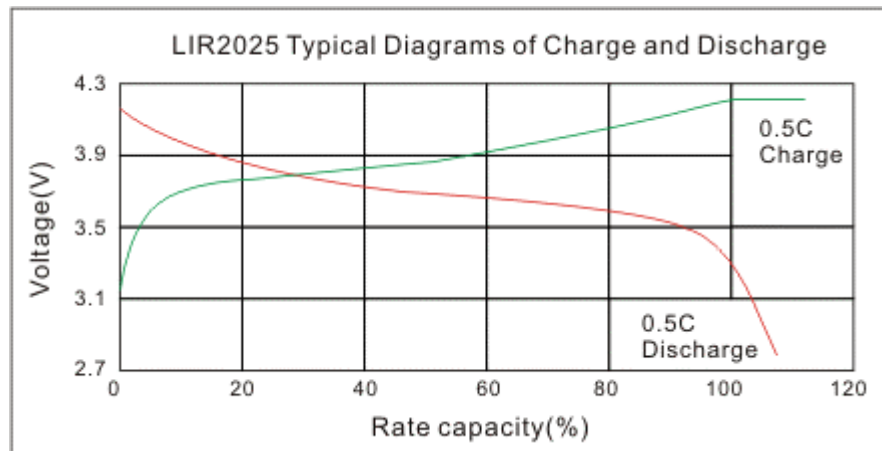
- High Voltage and High Energy Density
- Long Shelf-life, Low-discharge Rate and Wide Operational Temperature Range
- Excellent Cycle Life and No Memory Effect.
- Environmentally Friendly with No Poison and No Pollution

## 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, 10mA(0.5C) Total 5hours

Discharge: 10mA(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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