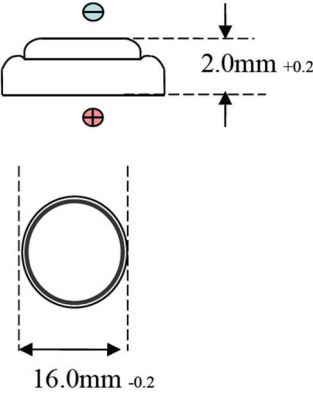


Model: Power-Xtra LIR1620 - 3.6V 15 mAh Li-ion Button Battery

Stock Code: 900.600.503.284

Item	Specifications		Conditions
Rated Capacity	Nominal	16 mAh	Standard Charge : 0.2C
	Minimum	15 mAh	Standard Discharge : 0.2C
Nominal Voltage	3.7V		
Voltage at the end of Discharge	2.75V		Discharge Cut-off Voltage
Charging Voltage	4.2±0.03V		
Internal Impedance	≤5mΩ		3.7V AC 1KHz measured
Weight	1.2 g		approximately
Standard Charge	3.0 mA		0.2C
Standard Discharge	3.0 mA		0.2C
Max. Continuous Charge Current	7.5 mA		0.5C
Max. Continuous Discharge Current	7.5 mA		0.5C
Operation Temperature Range	Charge: 0~45°C		60±25%R.H.
	Discharge: -20~60°C		
Storage Temperature Range	Less than 1 year: -20~25°C		60±25%R.H.
	Less than 3 months: -20~40°C		
Cycle Life	500 Times		Charge with the constant current of 0.5C and constant voltage of 4.2V, cut off at 0.02C, and rest for 10min; discharge with 0.5C and cut off at 2.75V, and rest for 20min. Repeat cycling till discharge capacity in 2 successive cycles is lower than 80% of the initial capacity

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Item	Specifications	Representative Image
Thickness	2.0mm±0.2mm	 <p>The image shows a technical drawing of the LIR1620 button battery. The top view shows a circular battery with a diameter dimension of 16.0mm -0.2. The side view shows the battery's thickness with a dimension of 2.0mm +0.2. The positive terminal is marked with a '+' sign and the negative terminal with a '-' sign.</p>
Diamater	16.0mm±0.2mm	

Important Notes

When the battery is stored and not used under room temperature for over 6 months, it needs to be recharged by the procedure below

- 1. Discharge by CC mode at 0.2CmA to 2.75V, then rest for 5 minutes
- 2. Charge by CC mode at 0.2CmA to 4.20V limit, then change to CV charge mode,
- 3. Cut off the charge when the charging current is less than 0.05CmA.