

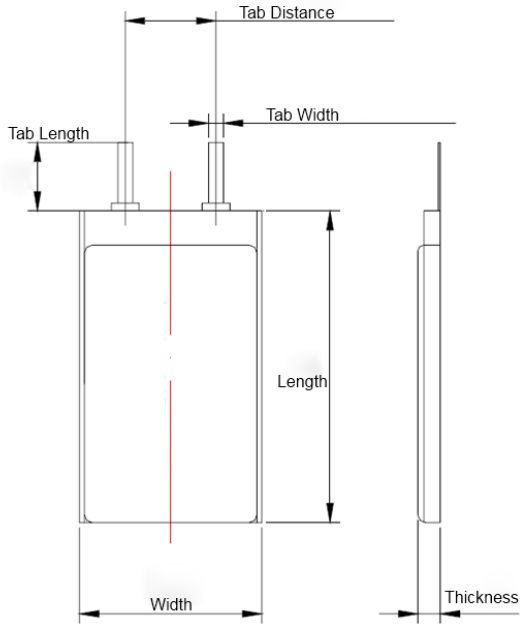
Lithium-Ion Polymer Battery

LP754070 *Brief Datasheet*

Basic Specification

NO.	Item	Specification	Remark
1	Model	LP754070	
2	Weight	--g	
3	Nominal Voltage	3.7V	
4	Full Charged Voltage	4.2V	
5	Cut-off Voltage	3.0V	
6	Operating Temperature	Charging: 15°C ~ 40°C Discharging: -20°C ~ 60°C	
7	Nominal Capacity	2300mAh	Measured at 0.2C
8	Maximum Impedance	80mΩ	1000Hz AC
9	Charge Current	Standard: 0.5C Rapid: 1.0C	0.01C cut-off current
10	Charge Time	Standard: 3 hours Rapid: 2 hours	Approximately
11	Discharge Current	Standard: 0.2C Maximum: 1.0C	
12	Storage Temperature	Less than 1 month: -20°C ~ 60°C Less than 3 months: -20°C ~ 45°C Less than 1 year: -20°C ~ 28°C	Percentage of recoverable capacity more than 80%
13	Dimension	Thickness: max 7.7 Width: max40.5 Length: max70.5 Tab distance 24±2 Tab Width: 4	

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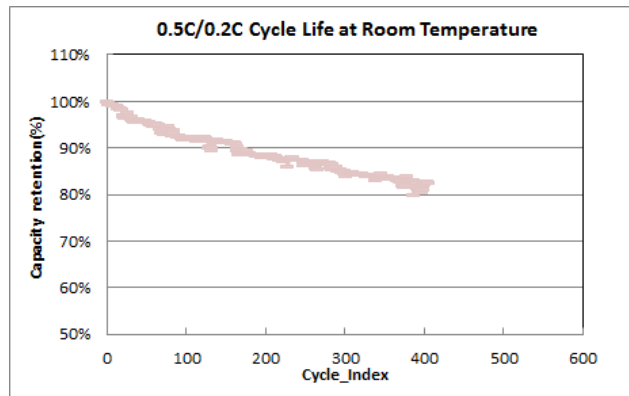
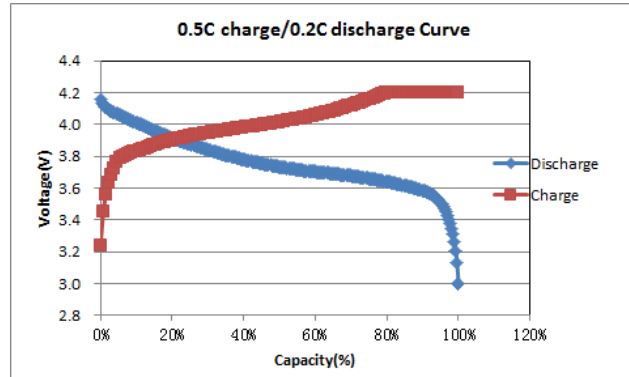


Drawing and Performance

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Note:

- Regarding to Charging, first CC(constant current) charge the battery to 4.2V, then supply a decreased current to make the battery CV(constant voltage) until the current has been reduced to 0.01C.
- Cycle life performance is utterly depended on the chemical design based on customer's different requirements. Please contact Autec for further information.
- The tab dimension is just for reference. Autec can do custom tab length, tab width and tab distance based on customer's requirements.



Warranty Period

The warranty period of the battery is 12 months from the date of shipment.

However, even though the problem

occurs within this period, Autec won't replace a new battery for free as long as the problem is not due to the failure of our manufacturing process or is due to customer's abuse or misuse.

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