


Product Name:	Polymer Li-Ion Battery 3.7V 25mAh	
Product Number:	30120	
Battery Size:	241019	
Battery Chemistry	Polymer Li-Ion	
Dimension:	19(length) x 10.8(width) x2.4(thickness)	

1. Scope

This product specification defines the requirements of the rechargeable polymer lithium-ion battery supplied to the customer by Tenergy Corporation. Should there be any dissidence in the test items or handbook, the customers are advised to contact Tenergy to find a solution.

2. Model 30120

3. Technical Information

Item		Specification	Note
3.1 Rated Capacity	(mAh)	19	
3.2 Nominal Capacity	(mAh)	22	
3.3 Nominal Voltage	(V)	3.7	
3.4 Impedance	(mΩ)	1000	
3.5 Weight	(g)	0.7	
3.6 Max. Charge Current	(mA)	19	
3.7 Charge Voltage limit	(V)	4.2	
3.8 Max. Discharge Current	(mA)	38	
3.9 Cut-off Voltage	(V)	2.75	
3.10 Operation Temperature (°C)	Charge	0~+45	
	Discharge	-20~+60	
3.11 Storage Temperature (°C)	≤ one month	-10~+35	
	0.5~1.0 year	-5~+30	
3.12 Dimensional Size (mm)	Thickness	2.4	



	Width	10.8	Max.
	Length	19	
3.13 PCB Characteristics	Over Charge Detection	/	
	Over Discharge Detection	/	
	Over Current Protection	/	
	Low Current Consumption	/	

4. Notice

- 4.1 Don't disassemble, damage, short-circuit, heat, wet or cremate batteries; Don't plug the battery directly in electrical outlet; Don't use the cell together with other types of batteries; Don't use the battery in any place that will generate static electricity;
- 4.2 Use specified charger;
- 4.3 If the battery is abnormal in shape or performance, reject it;
- 4.4 Don't treat rejected battery as regular living garbage; collect them in certain place for recycle.