

Tenergy Official Site

Tenergy

Tenergy Polymer Li-Ion 1-2C 3.7V 25Ah (75212223) (Item Number: 30102)

Price per Unit (piece): [Log-in or Call for Pricing](#)



Item Number: 30102

Features:

- Tenergy Unique High-Capacity Li-Po Single Cell
- High operating voltage
- Energy density is high, volumetric energy density of 350Wh/L and gravimetric energy density of 135Wh/kg.
- No memory effect
- Self-discharge is less than 10% per month
- Safety characteristics are excellent
- The battery has a wide discharging temperature range of -20 °C to +60 °C

tem	Spec	Note
Model	75212223/25000mAh	
Charge Voltage	4.2V	
End-of-charge voltage	4.2V	CC\CV
Nominal Voltage	3.7V	Cell Voltage between 3.6V ~3.9V before shipping
Nominal Capacity	≥25000mAh@ 0.2C Discharge	Nominal Capacity refers to the capacity of 0.2C discharge with 2.75V cut-off voltage, after charging with standard method.

Cycle Life	≥ 300 Times	One cycle refer to one charge period and Then one discharge period. Test condition: Charge: 0.2C to 4.2V Discharge: 0.2C to 2.75V The cycle life is the cycle times when the discharge capacity is about 80% of the rated capacity.
Self-discharge	Residual Capacity>90%	After standard charging, storied at 25°C±0.5°C for 30 days, then measure the capacity as item 4.
Impedance	Typical:10m& Max: 15m&	After standard charging, measure th internal resistance with AC1KHz
Max. Charge Current	1.0C	
Max. Discharge Current	1.0C	
Discharge Cut-off Voltage	2.75V	
Operating Temperature	Discharge:-10 ~ +60 Charge: 0 ~ +45	Cells must be storied at 3.6V-3.9V. During long period storage, cells should be maintained every 90 days. The method is to do a charge-discharge cycle with standard method, then charge to 3.7—3.9V.
Storage Temperature	-20 ~+45	
Cell Weight	Approx 0.65Kg	

Cautions

- **Li-ion cells are very sensitive to charging characteristics and may explode if mishandled.**
- User should have enough knowledge on Li-Ion rechargeable batteries in charging, discharging and assembly before use.
- We are not responsible for any damage caused by misuse or mishandling of these Polymer Li-Ion batteries

[Vendor Information](#)