

Primary Lithium Battery

Customer No: KH00011028

Part No: ER14250 3.6V 1200mAh

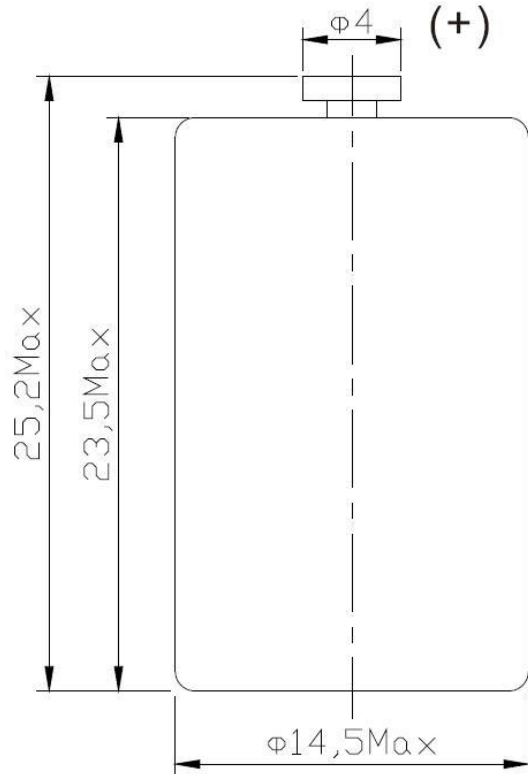
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Prepared by	Review by	Approved by
Michael	Jack	Richard

Customer Acknowledge:	
Signature:	
Date:	

1. Assembly Drawing

Unit: mm



2. Specification

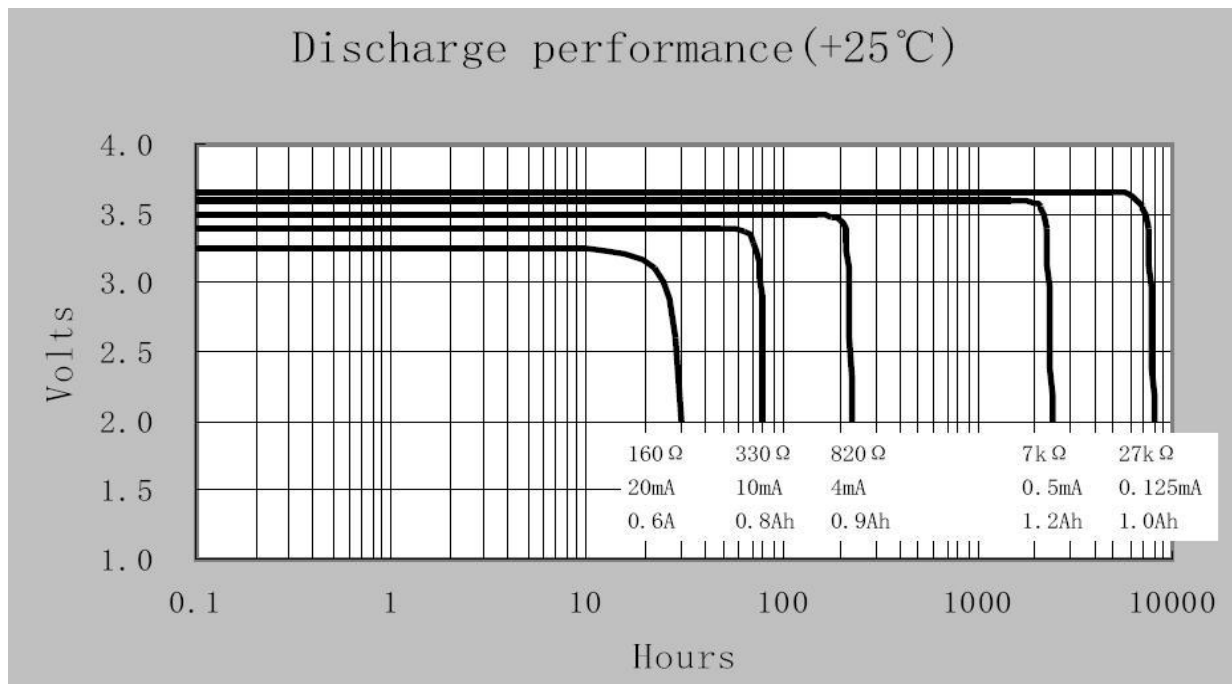
Items	standard
Typical capacity	1200mAh (Nominal capacity is at 0.5mA +20°C 2.0V cut off. The capacity restored by the cell varies according to current drain, temperature and cut off)
Nominal voltage	3.6V
Discharge cut-off voltage	2.0V
Standard discharge current	20mA
Max discharge current	20mA
Max pulse current	50mA
Dimension	Max:Φ 14.5×25.2mm
Weight	Approx: 9g
Open Circuit Voltage	≥3.65V
Operating Temperature.	Discharge: -55 ~+85°C (Operation above ambient T may lead to reduced capacity and lower voltage readings at the beginning of pulses.)
Storage Temperature	Less than: +30°C Suggest: (10~25°C)
Self-discharge/year	≤1%

3. Safety Performance

NO.	Items.	Test Methods and Condition.	Standard
1	Vibration Test	Cell (as of shipment) vibrated for 90 minutes for each of the three mutually perpendicular planes with total excursion of 1.6mm and with frequency of 10 Hz to 55 Hz at the sweep rate of 1 Hz per minute.	No leakage, Capacity recovery rate 90%(Standby 3hours).
2	Drop Test	Under the temperature of $20\pm 5^{\circ}\text{C}$, drop it freely from 1.0 meter height onto the hard 18~20mm board. Do it 2 times.	No explosion, no fire, no leakage.
3	Low temperature discharge	At 2mA discharge the battery to 2.0V at the temperature $-40\pm 2^{\circ}\text{C}$	Capacity \geq 35%

4.Characteristics

Typical discharge characteristics



5.Warranty Time.

Warranty time is six (6) months from the date when the battery ship out from YUNTONG factory. But If the battery is found to have a problem due to use outside of YUNTONG recommended specification, YUNTONG will have no responsibility for the battery.

6.Others.

Any matters that this specification does not cover should be conferred between both parties.

7.External Appearance

The cell/battery shall be free from cracks, scars, breakage, rust, discoloration, leakage nor deformation.

8. Precautions for use

A battery shall not be stored at temperatures in excess of 30°C. Storage at less than 30°C is recommended. Storage at less than -40°C can deform the plastic parts and may cause a leakage. To prevent self-discharge caused by corrosion, or decrease of insulation, humidity during storage shall be less than 70%.

The battery has an explosion resistant construction. But the following cautions should be taken. because combustible materials such as lithium metal and organic electrolyte are contained in the battery.

- * Do not short circuit.
- * Do not dispose in fire.
- * Do not charge.
- * Do not disassemble.

Do not use different models of battery in series.

Keep away from heat source of flame.

Soldering the tag should be finished in few seconds

The battery shall not be washed by ultrasonic wave washer.

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