

Primary Lithium Battery

Customer No: KH00011028

Part No: ER14505 AA 3.6V 2400mAh

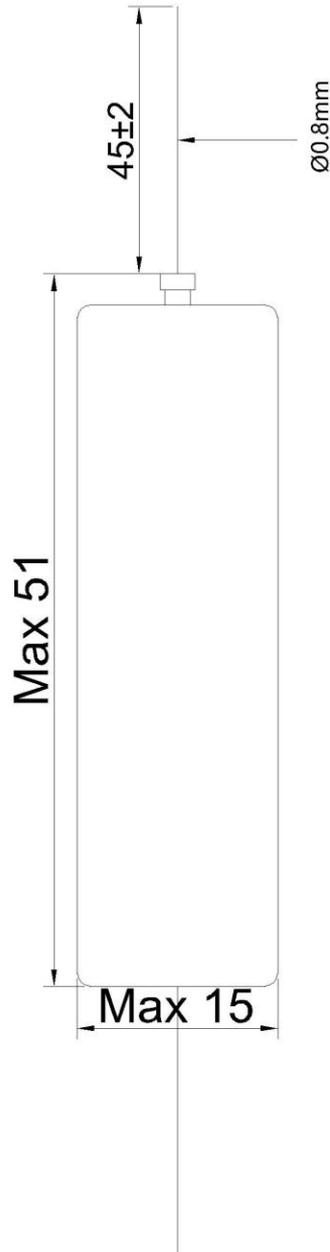
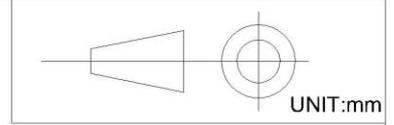
Document Date: 2016-11-15

Prepared by	Review by	Approved by
Michael	Jack	Richard

Customer Acknowledge:	
Signature:	
Date:	

1. Assembly Drawing

ER14505 AA 3.6V 2400mAh



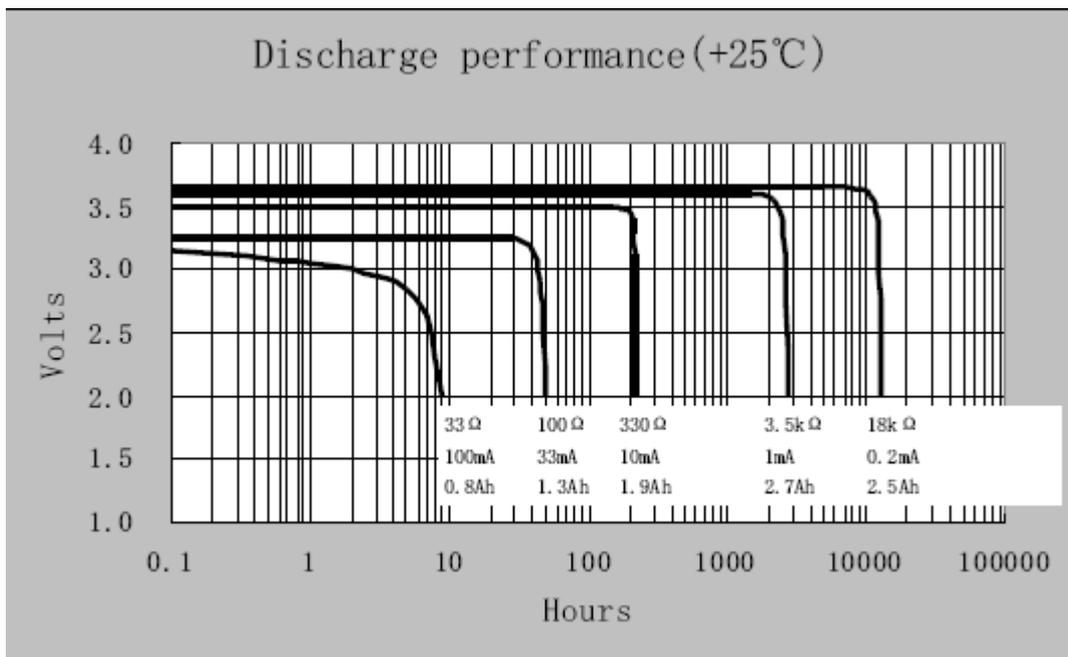
4			
3			
2			
1	Cell	1	
NO.	NAME	QTY	NOTE

 YUNTONG Power Co.,Ltd			
Drawn	Michael	Date	15 November 16
Checked	Jack	Date	15 November 16
Approved	Richard	Date	15 November 16
SCALE	1:1	PAGE	1 OF 1

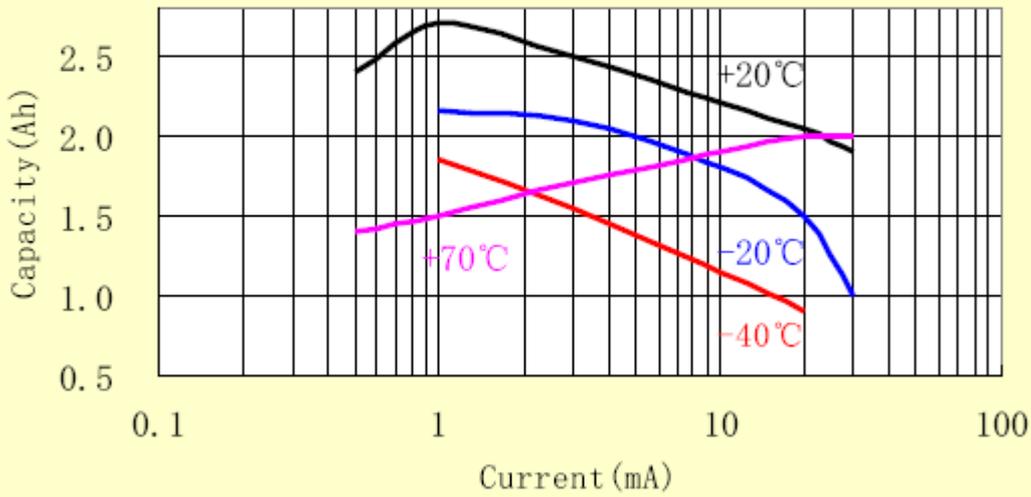
2. Specification

Items	Standard
Typical capacity	2.4Ah (Nominal capacity is at 3mA +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
Pulse capability	Typically up to 200mA(200mA/0.1 second pulses drained every 2min at +20 from cells with 50uA base current, yield voltage readings above 3.0V. The readings may vary according to the pulse character is tics, the temperature, and the cell's previous history. Fitting the cell with a capacitor may be recommended in severe conditions.
Max discharge current	100mA
Max pulse current	200mA
Dimension	Φ15×51mm
Weight	19±3g
Open Circuit Voltage	3.66V
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

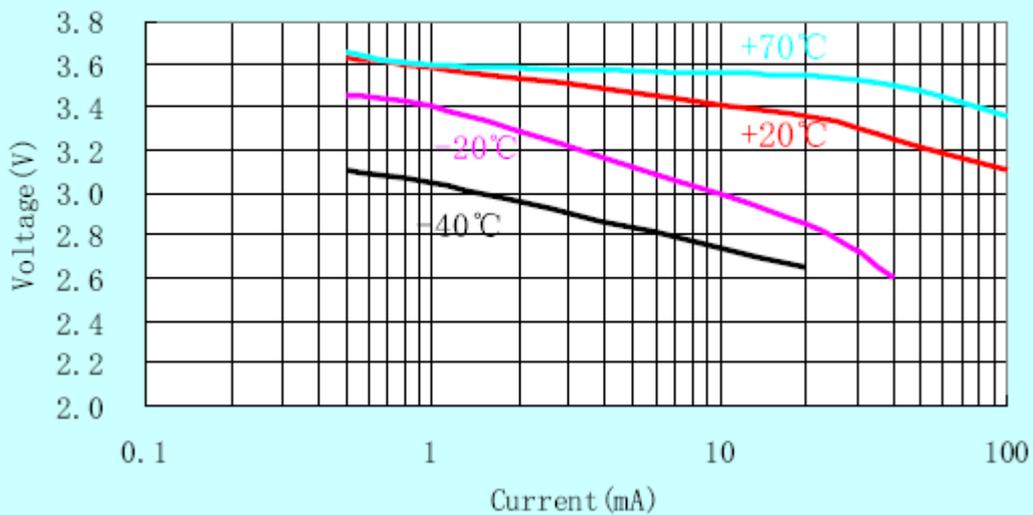
3.Characteristics



Capacity vs Current



Voltage vs Current



4.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.

5.Others.

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

6.External Appearance

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

7. 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.

YUNTONG Power Co., Ltd

Tel: 86-760-23699088

Fax: 86-760-23699058

Email: info@yuntong-batt.com

www.yuntong-batt.com
