

## Specification of

**Primary Lithium thionyl chloride Battery: AA Size 3.6V 2400  
mAh (ER14505) (non Rechargeable, 8.64Wh), UN  
approved(0.72)**



AA Portable Power Corp (<http://www.batteryspace.com>)

Address: 860 S, 19<sup>th</sup> St, Unit A, Richmond, CA, 94804

Tel: 510-525-2328

Fax: 510-439-2808

Email: [Sales@batteryspace.com](mailto:Sales@batteryspace.com)

Prepared & Approved by Max Liu (01/01/10)

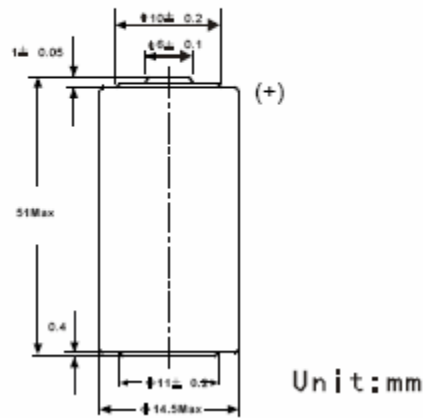
Primary lithium batteries  
ER14505 AA 3.6V 2.4Ah

3.6V Primary lithium-thionyl chloride  
(Li-SOCl<sub>2</sub>) Energy type  
AA-size bobbin cell

For low drain / long term operating  
applications requesting superior voltage response in -67F ~+185F  
environments.

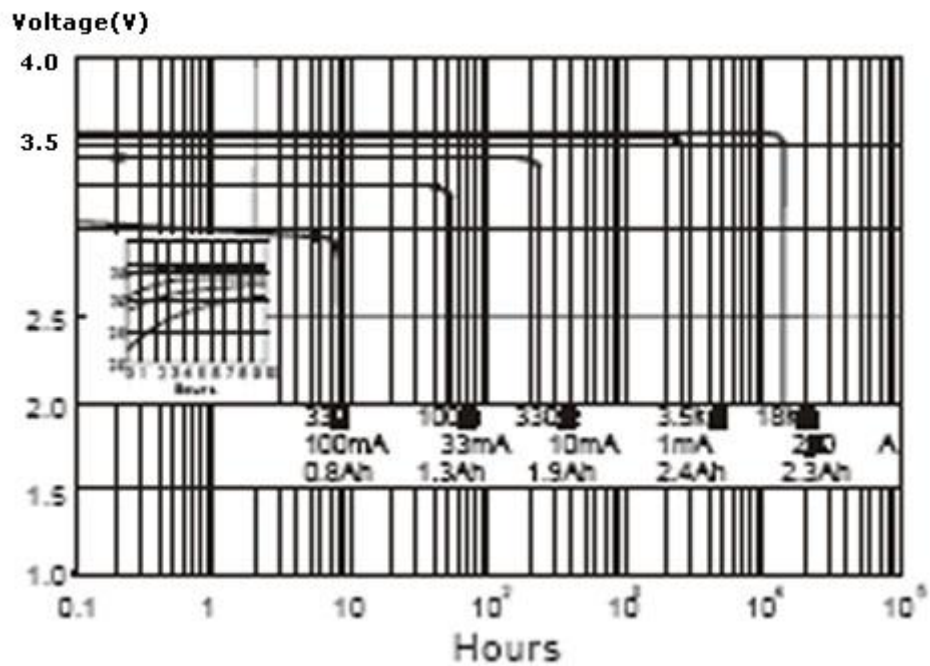
Cell size references		UM3 - R6 -AA
Alternative models	LS14500/LST14500/LS14500C/TL-4903/SB-AA11	
Electrical characteristics		
(typical values relative to cells stored for one year or less at +86F max.)		
Nominal capacity(at 1 mA +20 2.0V cut off. The capacity restored by the cell varies according to current drain, temperature and cut off).	2.4Ah	
Open circuit voltage (at +68F )	3.66V	
Nominal voltage (at 1mA +68F )	3.6V	
Pulse capability: Typically up to 200 mA (200mA / 0.1 second pulses, drained every 2mn at +68F from undischarged cells with 10 µA base current, yield voltage readings above 3.0V. The readings may vary according to the pulse characteristics, the temperature, and the cell s previous history. Fitting the cell with a capacitor may be recommended in severe conditions. Consult <b>Batteryspace</b> .		
Max. Continuous current	100mA	
Max. Pulse current	200mA	
Storage(recommended) (for more severe conditions, consult <b>Batteryspace</b> )	+86F max	
Operating temperature range (Operation above ambient T may lead to reduced capacity and lower voltage readings at the beginning of pulses. Consult <b>ABLE</b> )	-76F / +185F	
Physical characteristics		
Diameter (max)	14.5mm(0.55 in)	
Height (max)	50.5mm(2 in)	
Typical weight	19g(0.622oz)	
Available termination suffix	<b>No Tabs Suffix</b>	

ER14505 AA 3.6V  
2.4Ah



## Characteristic Curves

Discharge Curve @ 25°C



## Capacity VS Current Curve

