

## Primary lithium batteries ER14505S

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

For high drain/high pulses applications requesting superior voltage response in -40°C ~+150°C environments.

Cell size references

AA

Alternative models

AA

### Electrical characteristics

(typical values relative to cells stored for one year or less at +150 max.)

Nominal capacity 1.6Ah

(at 100mA +150°C 2.0V cut off. The capacity restored by the cell varies according to current drain, temperature and cut off).

Open circuit voltage (at +150°C ) 3.66V

Nominal voltage (at 100mA +15°C ) 3.6V

Pulse capability: Typically up to 200 mA (200 mA/0.1 second pulses, drained every 2 mn at +20°C from undischarged cells with 10 A 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 ABLE)

Max. Continuous current 100mA

Max. Pulse current 200mA

Storage (recommended) +150°C max  
(for more severe conditions, consult ABLE)

Operating temperature range -40°C / +150°C  
(Operation above ambient T may lead to reduced capacity and lower voltage readings at the beginning of pulses. Consult ABLE)

### Physical characteristics

Diameter (max) 14.5mm(0.58 in)

Height (max) 50.5mm(2 in)

Typical weight 19g(0.6oz)

Available termination suffix radial tabs, radial pins, axial leads, flying leads