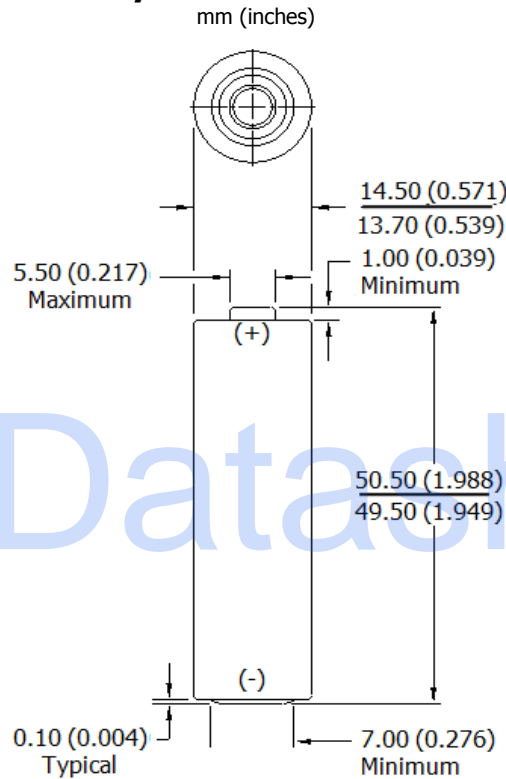


**ENERGIZER L91**  
Ultimate Lithium



**AA**

**Industry Standard Dimensions**



**Specifications**

- Classification:** "Cylindrical Primary Lithium"
- Chemical System:** Lithium/Iron Disulfide (Li/FeS<sub>2</sub>)
- Designation:** ANSI 15-LF, IEC-FR14505 (FR6)
- Nominal Voltage:** 1.5 Volts
- Sizing Compatibility:** E91 NH15 1215
- Storage Temp:** -40°C to 60°C (-40°F to 140°F)
- Operating Temp:** -40°C to 60°C (-40°F to 140°F)\*
- Typical Weight:** 15 grams (0.5 oz.)
- Typical Volume:** 8.0 cubic centimeters (0.49 cubic inch)
- Max Discharge:** 2.5 amps continuous  
(single battery only)
- Lithium Content:** 4.0 amps pulse (2 sec on / 8 sec off)
- Typical IR:** Less than 1 gram
- Shelf Life:** 120 to 240 milliohms (depending on method)
- More Details:** 20 years at 21°C
- Shipping:** On-Line Catalog-Application Manual (Li/FeS<sub>2</sub>)  
Please refer to PSDS Document
- Certifications:**

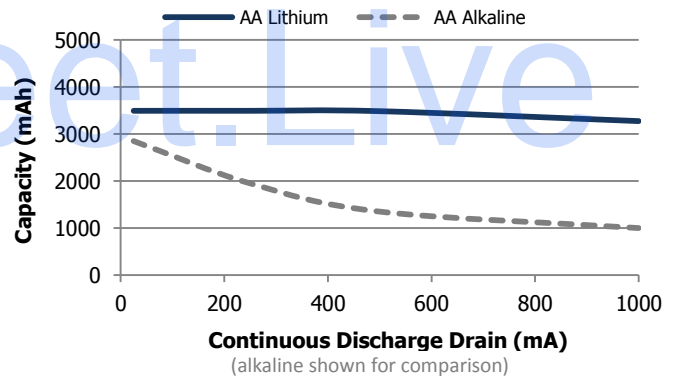


Ex Ia IIC Ga  
Baseefa 14ATEX0107U

**\*All data shown tested at 21°C unless otherwise stated.**

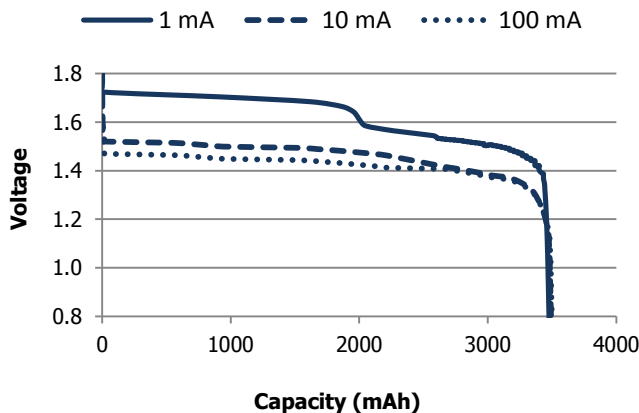
**Milliamp-Hours Capacity**

Constant Current Discharge to 0.8 Volts



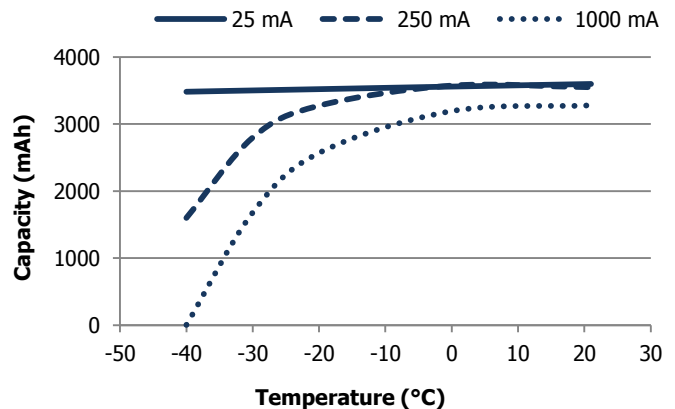
**Discharge Profile**

Constant Current Discharge



**Temperature Effects on Capacity**

Constant Current Discharge



**Important Notice**

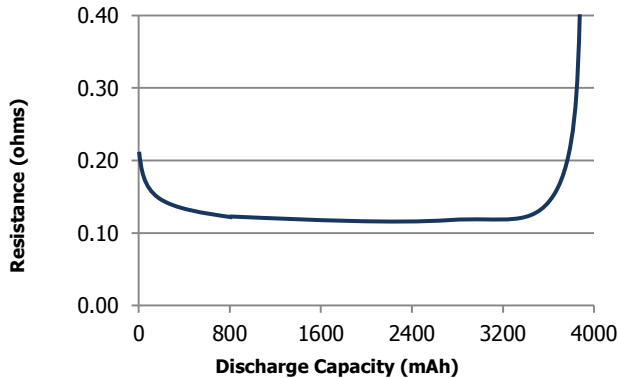
This datasheet contains typical information specific to products manufactured at the time of its publication.  
**Contents herein do not constitute a warranty and are for reference only.**

ENERGIZER L91

AA

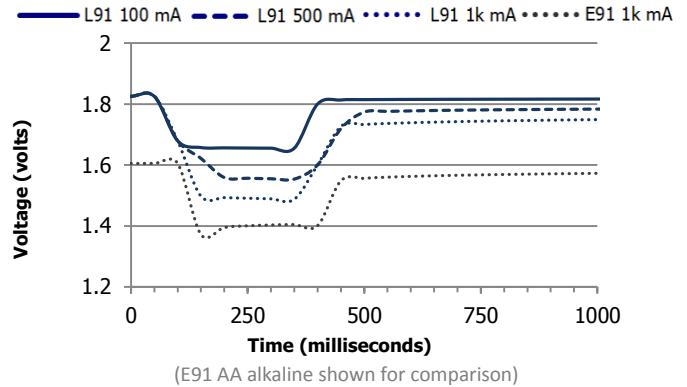
**Internal Resistance Profile**

Cell Ohmic Resistance - Dual Pulse Method



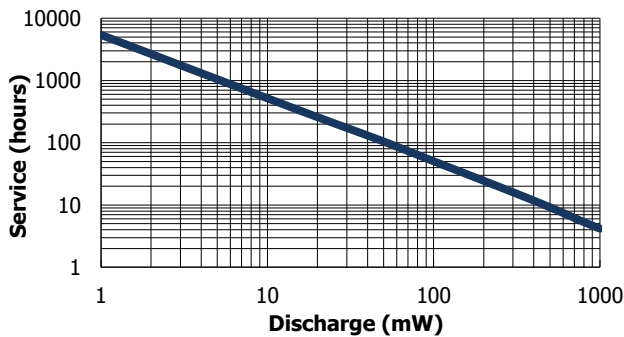
**Pulse Response**

Open Circuit Voltage - 100/500/1k mA Pulse



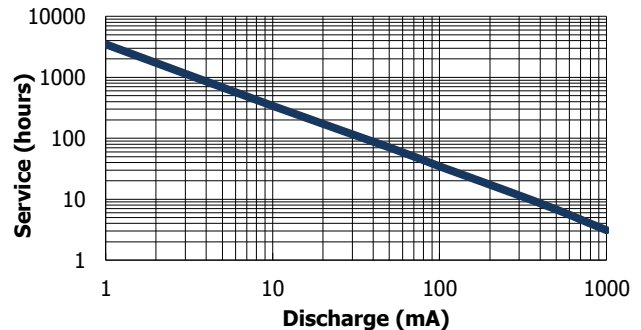
**Constant Power Performance**

Typical Characteristics to 0.8 Volts



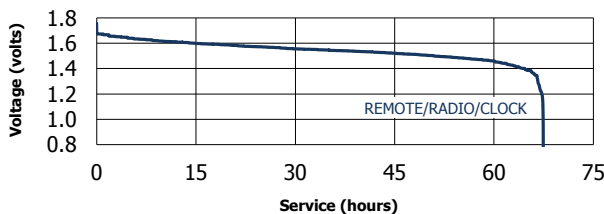
**Constant Current Performance**

Typical Characteristics to 0.8 Volts



**Application Tests**

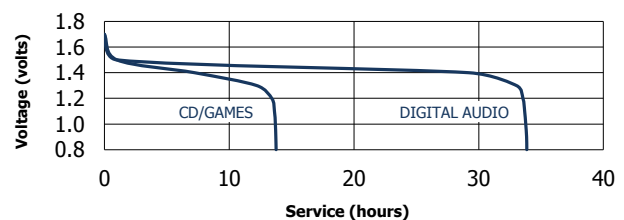
REMOTE/RADIO /CLOCK  
50 mA 1 hr/8 hrs day



**Application Tests**

CD/GAMES  
250 mA 1 hr/day

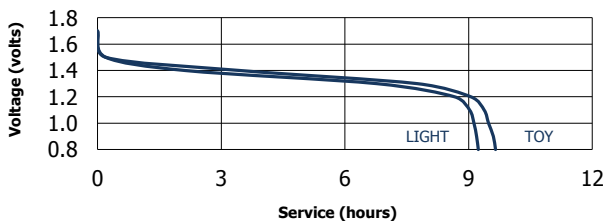
DIGITAL AUDIO  
100 mA 1 hr/day



**Application Tests**

PORTABLE LIGHTING  
3.3 ohm LIF

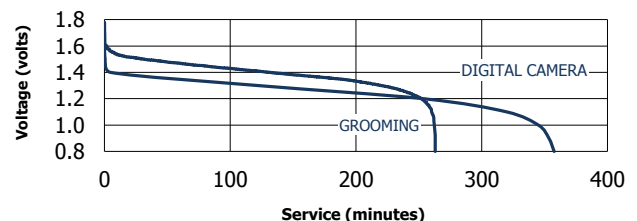
TOY  
3.9 ohm 1 hr/day



**Industry Standard Tests**

PERSONAL GROOMING  
750 mA 2 min/hr 8 hrs/day

DIGITAL CAMERA  
1.5/.65K mW 2/.1/27.9s 10X



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