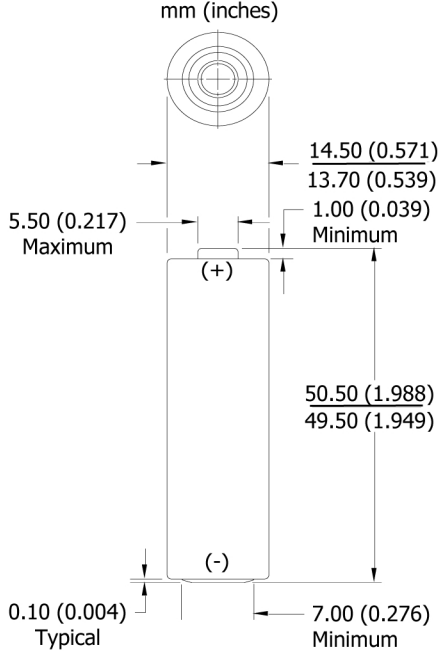


ENERGIZER L91

Ultimate Lithium



Industry Standard Dimensions



Specifications

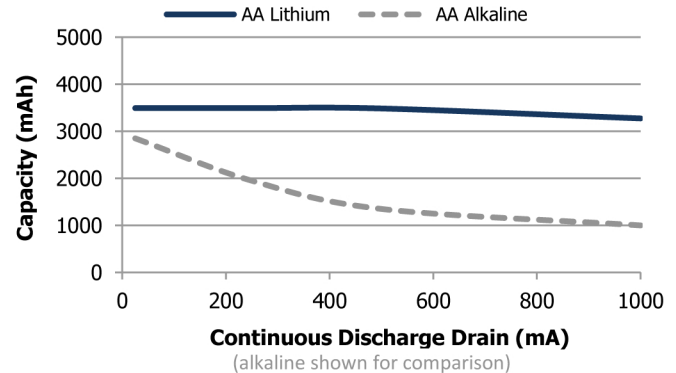
AA

- Classification:** "Cylindrical Primary Lithium"
- Chemical System:** Lithium/Iron Disulfide (Li/FeS₂)
- 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
4.0 amps pulse (2 sec on / 8 sec off)
- Lithium Content:** Less than 1 gram
- Typical IR:** 120 to 240 milliohms (depending on method)
- Shelf Life:** 20 years at 21°C
- More Details:** [On-Line Catalog-Application Manual \(Li/FeS₂\)](#)
- Shipping:** Please refer to PSDS Document
- Certifications:**
 - This battery has Underwriters Laboratories component recognition (MH29980)
 - Compliant to intrinsic safety 710024
 - II 1G Ex ia IIC Ga Baseefa 14ATEX0107U

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

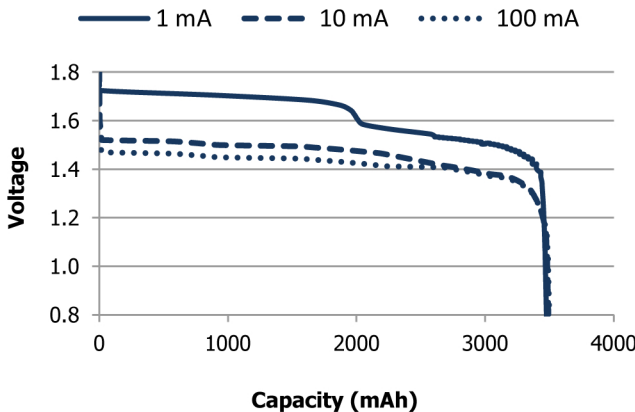
Milliamp-Hours Capacity

Constant Current Discharge to 0.8 Volts



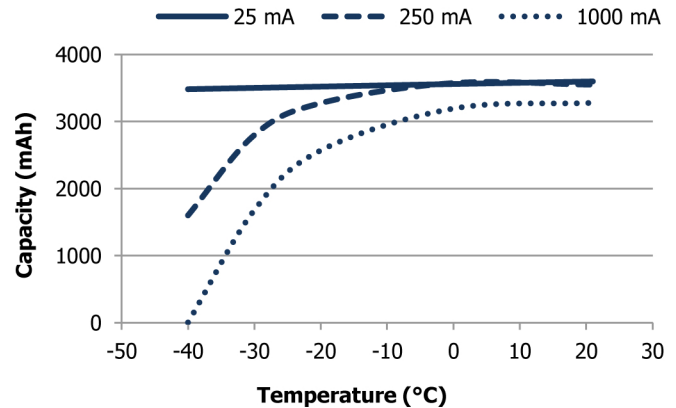
Discharge Profile

Constant Current Discharge



Temperature Effects on Capacity

Constant Current Discharge



Important Notice

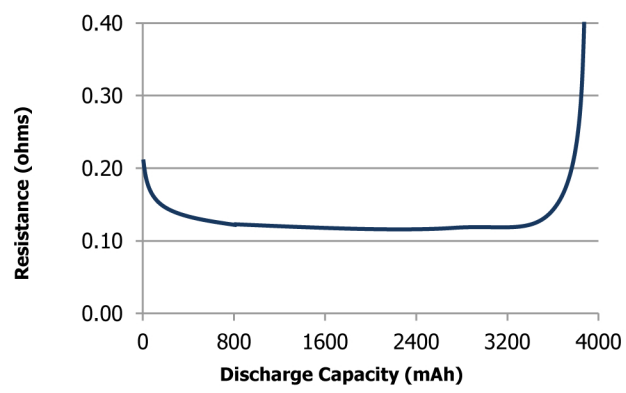
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ENERGIZER L91



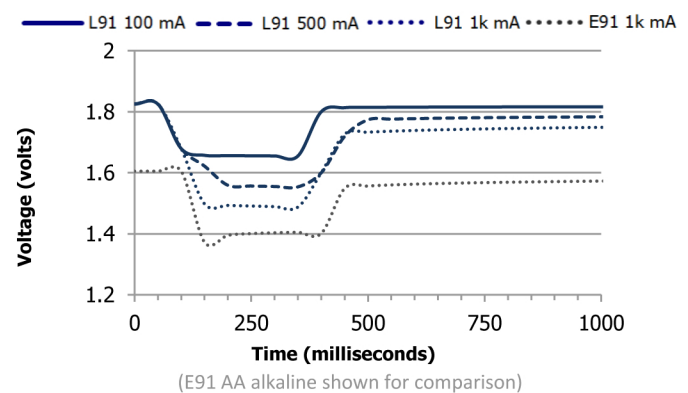
Internal Resistance Profile

Cell Ohmic Resistance - Dual Pulse Method



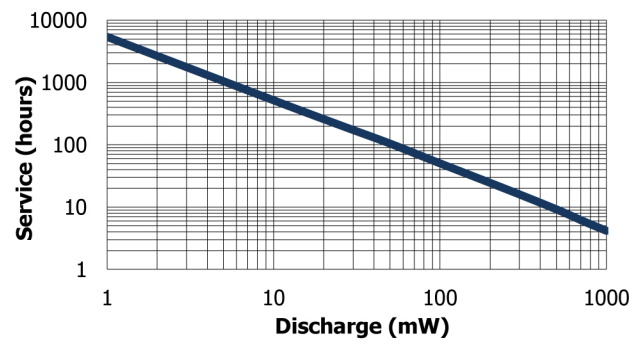
Pulse Response

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



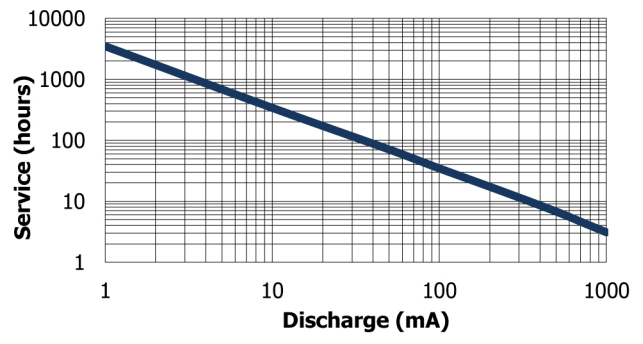
Constant Power Performance

Typical Characteristics to 0.8 Volts



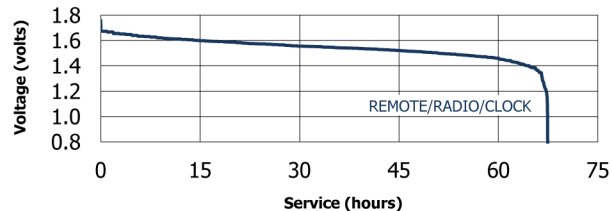
Constant Current Performance

Typical Characteristics to 0.8 Volts



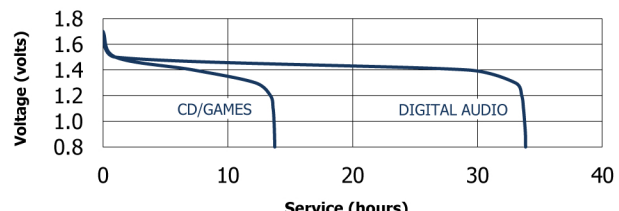
Application Tests

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



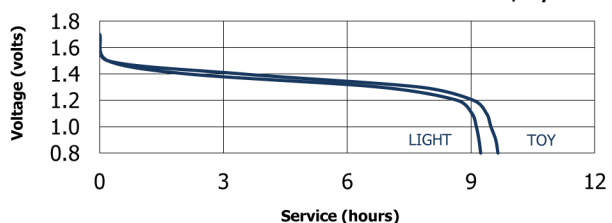
Application Tests

CD/GAMES 250 mA 1 hr/day
DIGITAL AUDIO 100 mA 1 hr/day



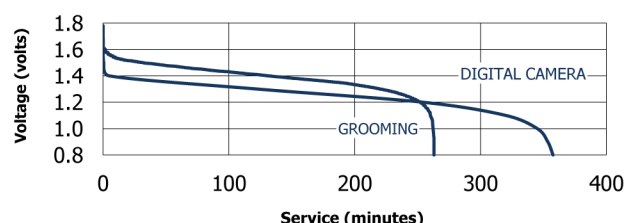
Application Tests

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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