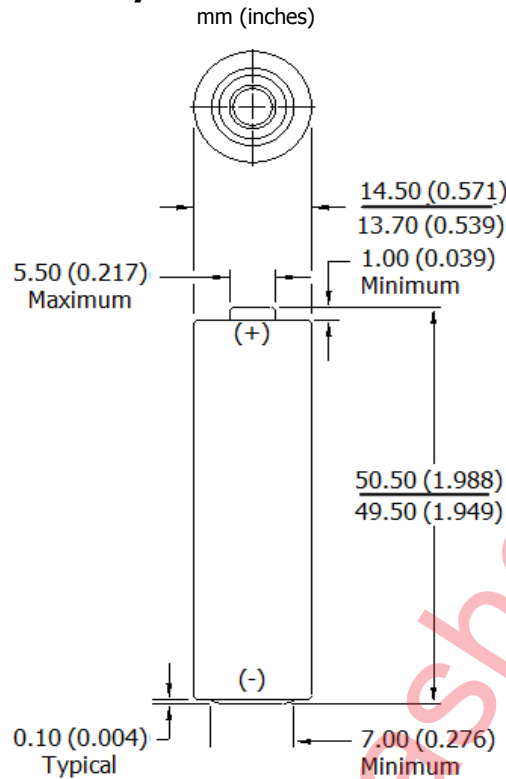


ENERGIZER L91
Ultimate Lithium



AA

Industry Standard Dimensions



Specifications

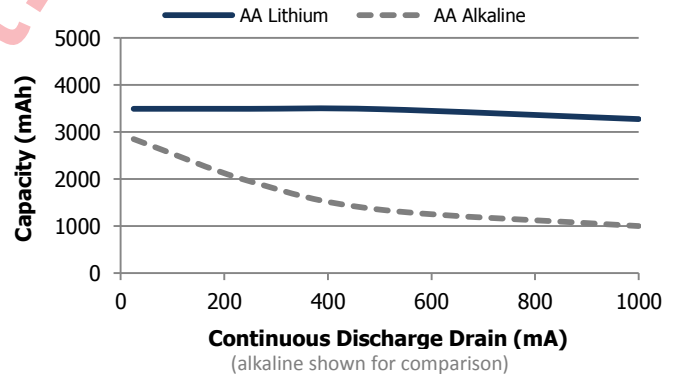
Classification: "Cylindrical Primary Lithium"
Chemical System: Lithium/Iron Disulfide (Li/FeS₂)
Designation: ANSI 15-LF, IEC-FR14505 (FR6)
Nominal Voltage: 1.5 Volts
Sizing Compatibility: E91 NH15 1215
Storage Temp: -40°C to 60°C (-40°F to 140°F)
Operating Temp: -40°C to 60°C (-40°F to 140°F)*
Typical Weight: 15 grams (0.5 oz.)
Typical Volume: 8.0 cubic centimeters (0.49 cubic inch)
Max Discharge: 2.5 amps continuous
 (single battery only)
Operating Temp: 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:



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

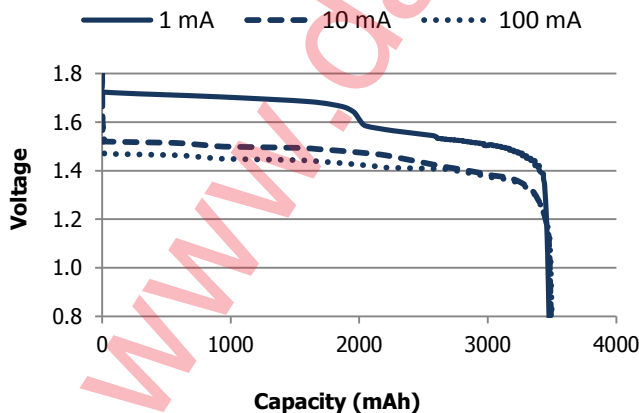
Milliamp-Hours Capacity

Constant Current Discharge to 0.8 Volts



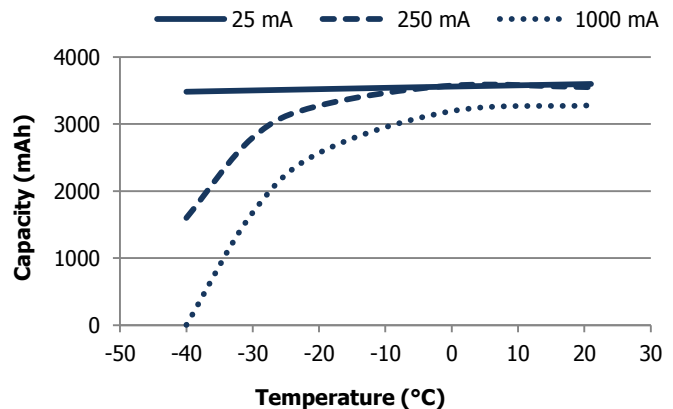
Discharge Profile

Constant Current Discharge



Temperature Effects on Capacity

Constant Current Discharge



Important Notice

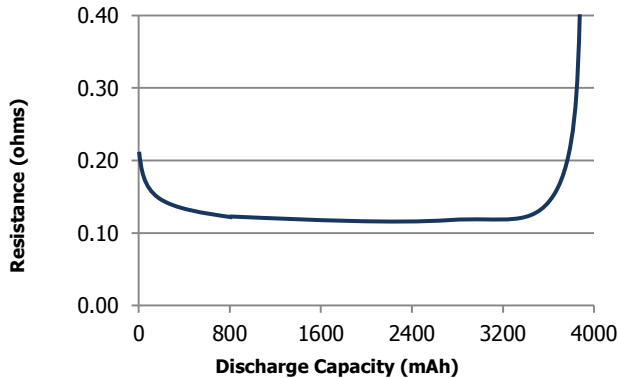
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Contents herein do not constitute a warranty and are for reference only.

ENERGIZER L91

AA

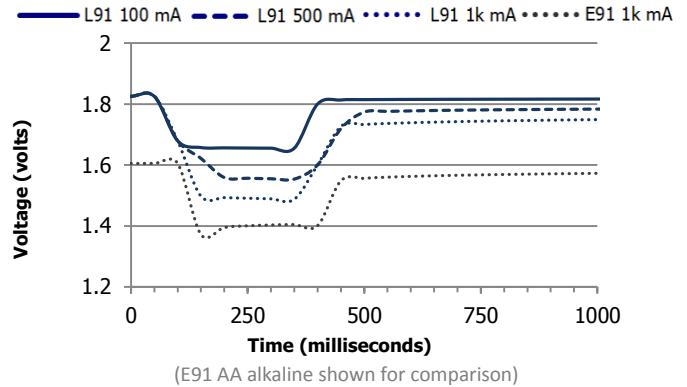
Internal Resistance Profile

Cell Ohmic Resistance - Dual Pulse Method



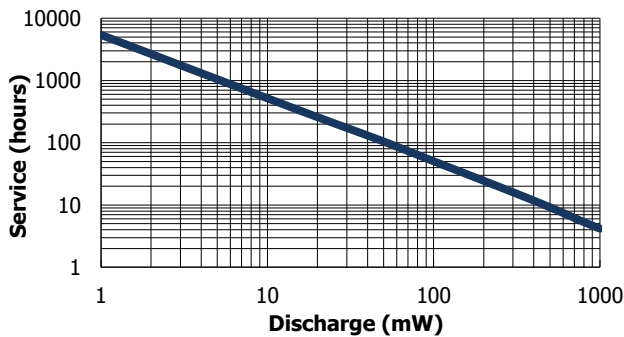
Pulse Response

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



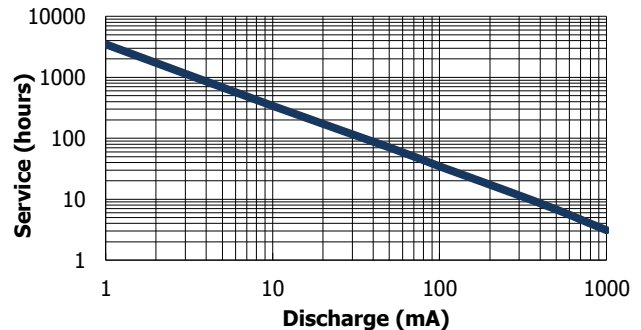
Constant Power Performance

Typical Characteristics to 0.8 Volts



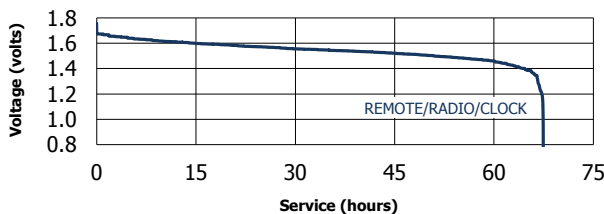
Constant Current Performance

Typical Characteristics to 0.8 Volts



Application Tests

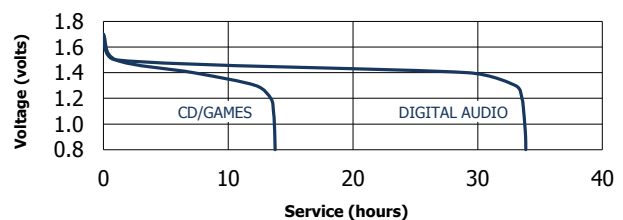
REMOTE/RADIO /CLOCK
50 mA 1 hr/8 hrs day



Application Tests

CD/GAMES
250 mA 1 hr/day

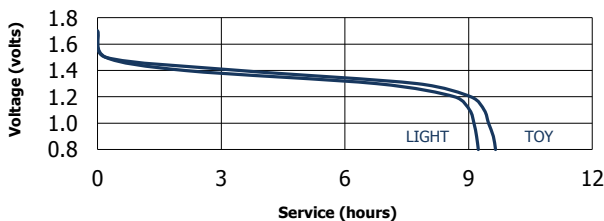
DIGITAL AUDIO
100 mA 1 hr/day



Application Tests

PORTABLE LIGHTING
3.3 ohm LIF

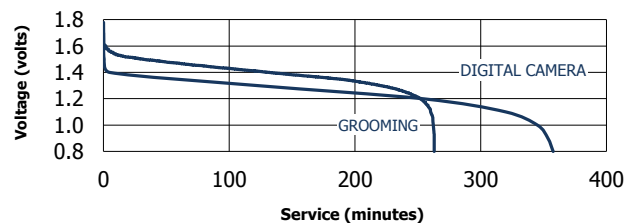
TOY
3.9 ohm 1 hr/day



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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