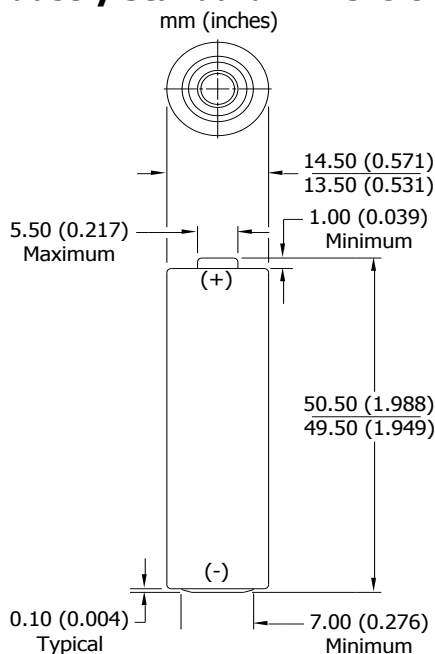


ENERGIZER L91

Ultimate Lithium



Industry Standard Dimensions



Specifications

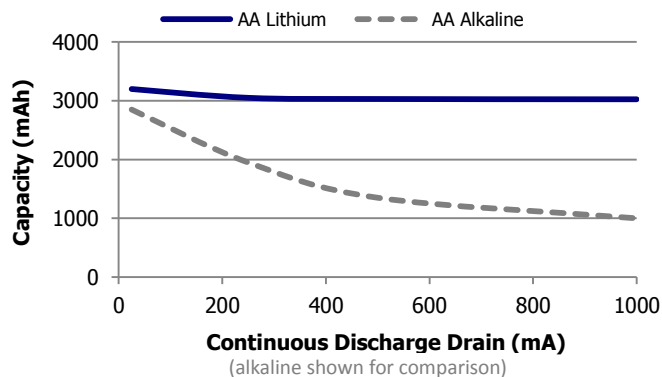
AA

Classification:	"Cylindrical Lithium"
Chemical System:	Lithium/Iron Disulfide (Li/FeS ₂)
Designation:	ANSI 15-LF, IEC-FR6
Nominal Voltage:	1.5 Volts
Compatible With:	EA91, 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:	14.5 grams (0.5 oz.)
Typical Volume:	8.0 cubic centimeters (0.49 cubic inch)
Max Discharge:	3.0 Amps Continuous
(single battery only)	5.0 Amps Pulse (2 sec on / 8 sec off)
Max Rev Current:	2 uA
Lithium Content:	Less than 1 gram
Typical IR:	60 to 210 milliohms (depending on method)
Shelf Life:	20 years at 21°C
Shipping:	Please refer to PSDS Document
Certifications:	 This battery has Underwriters Laboratories component recognition (MH29980)  Certified for intrinsic safety 710024

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

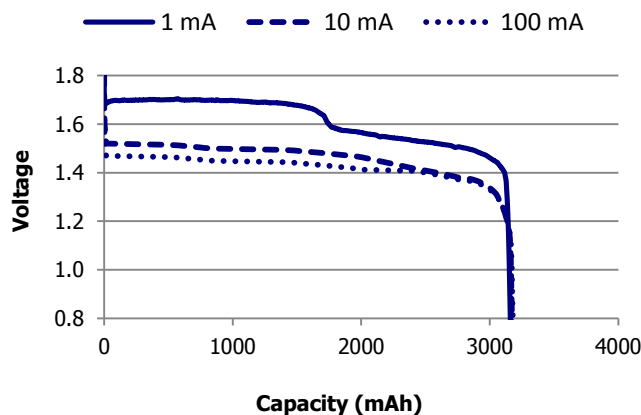
Milliamp-Hours Capacity

Constant Current Discharge to 0.8 Volts



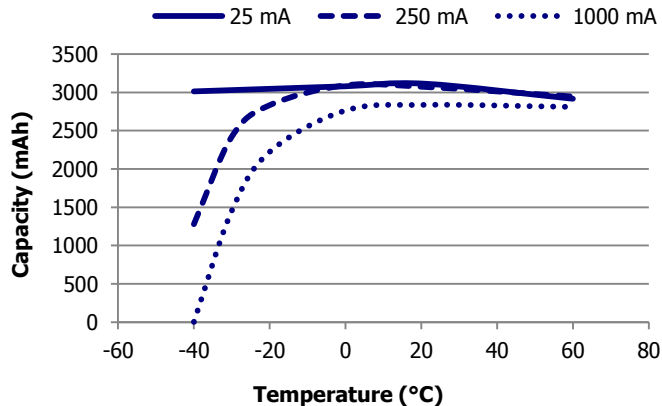
Discharge Profile

Constant Current Discharge



Temperature Effects on Capacity

Constant Current Discharge



Important Notice

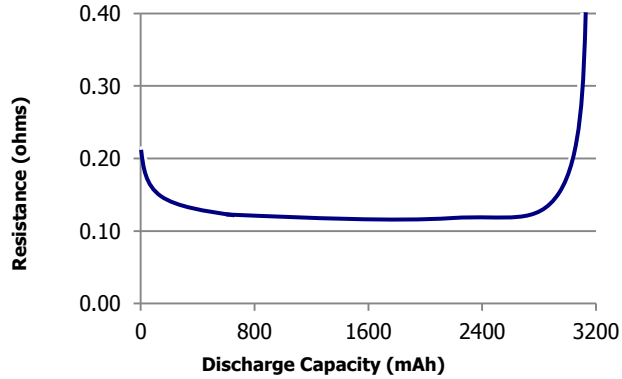
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ENERGIZER L91

AA

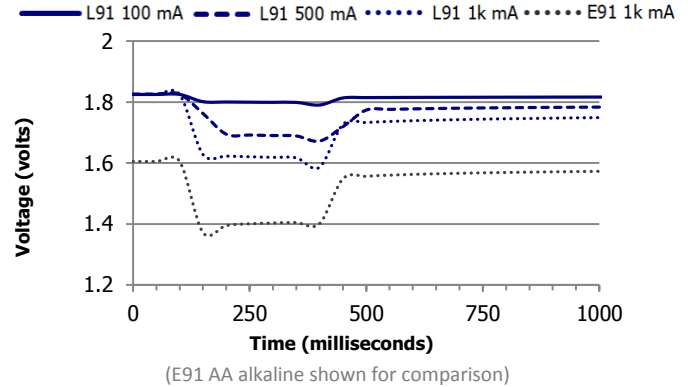
Internal Resistance Profile

Cell Ohmic Resistance - Dual Pulse Method



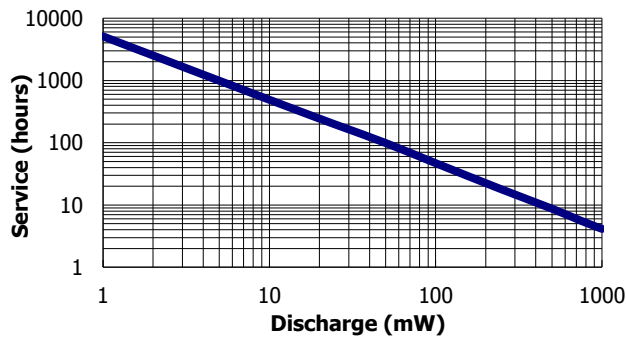
Pulse Response

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



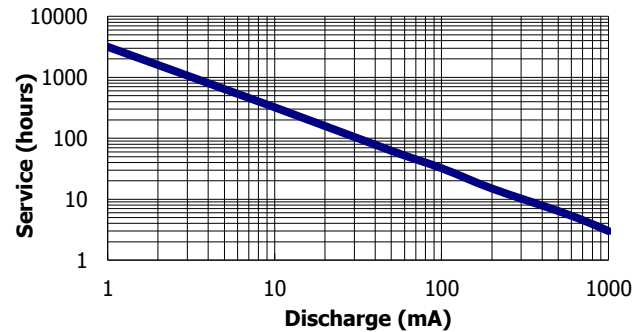
Constant Power Performance

Typical Characteristics to 0.8 Volts



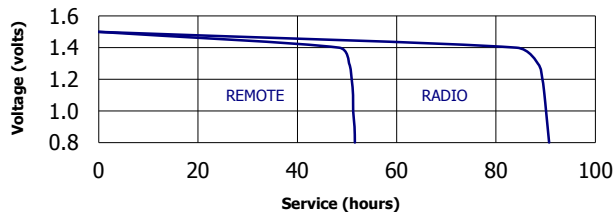
Constant Current Performance

Typical Characteristics to 0.8 Volts



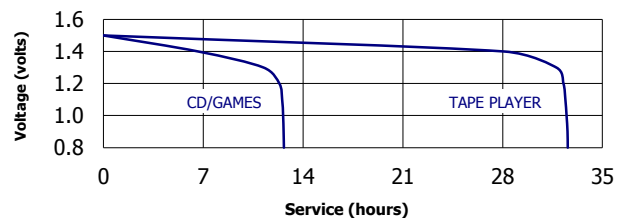
Application Tests

REMOTE 24 ohm 15 sec/min 8 hrs/day RADIO 43 ohm 4 hrs/day



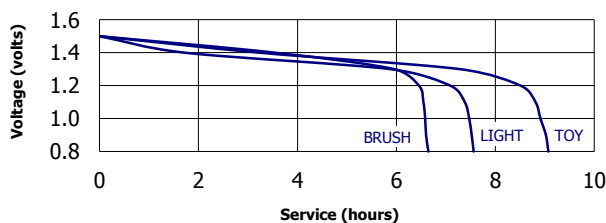
Application Tests

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



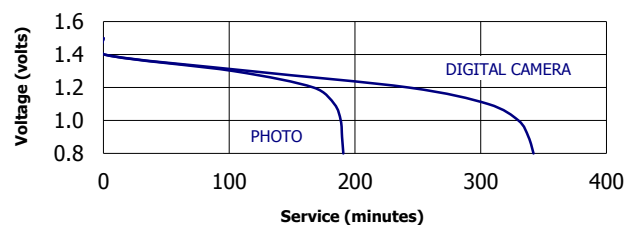
Application Tests

TOOTHBRUSH 500 mA 2/13 min 24 hrs/day PORTABLE LIGHTING 3.3 ohm LIF TOY 3.9 ohm 1 hr/day



Industry Standard Tests

PHOTOFLASH 1K mA 10 sec/min 1 hr/day DIGITAL CAMERA 1.5/.65K mW 2/.1/27.9s 10X



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