

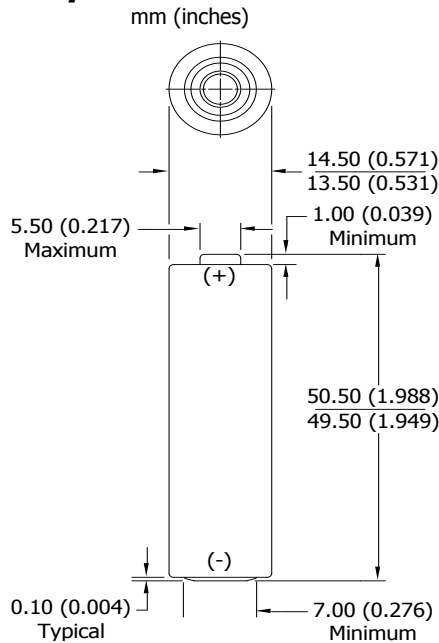
ENERGIZER L91

Ultimate Lithium





AA

Industry Standard Dimensions



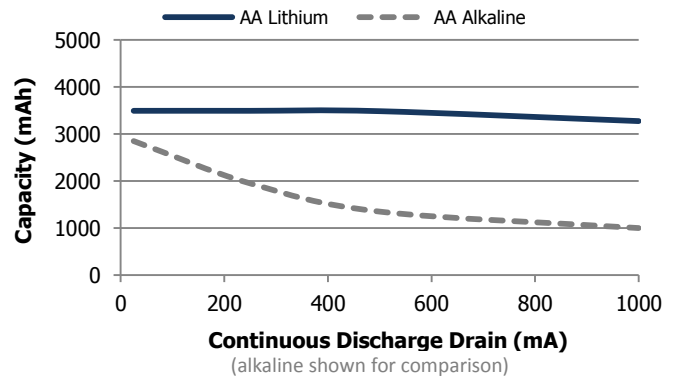
Specifications

Classification:	"Cylindrical Primary Lithium"
Chemical System:	Lithium/Iron Disulfide (Li/FeS ₂)
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)	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.**

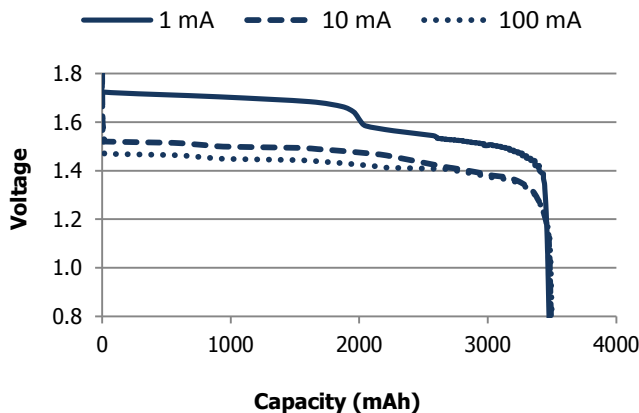
Milliamp-Hours Capacity

Constant Current Discharge to 0.8 Volts



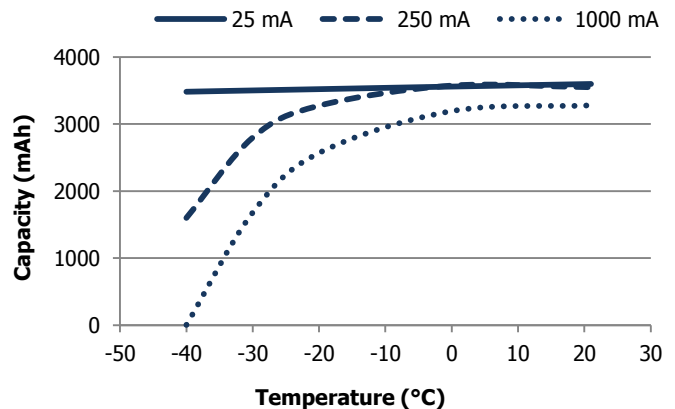
Discharge Profile

Constant Current Discharge



Temperature Effects on Capacity

Constant Current Discharge



Important Notice

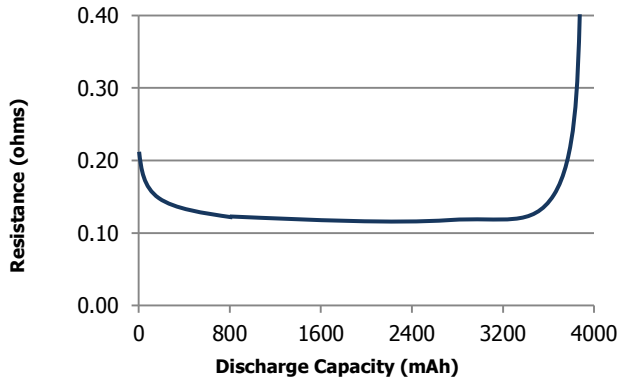
This datasheet contains typical information specific to products manufactured at the time of its publication. **Contents herein do not constitute a warranty and are for reference only.**

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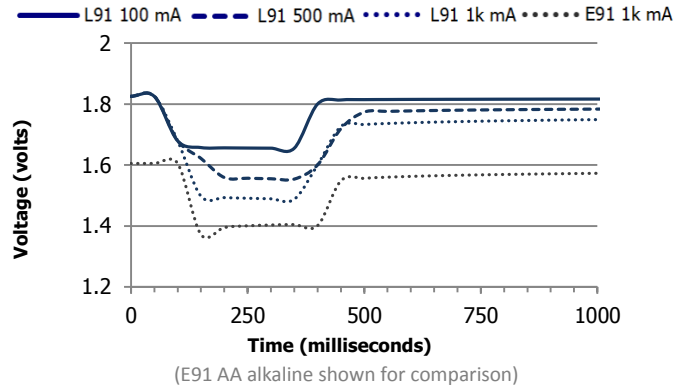
Internal Resistance Profile

Cell Ohmic Resistance - Dual Pulse Method



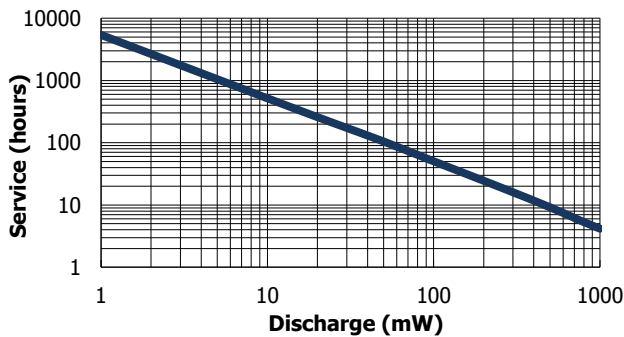
Pulse Response

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



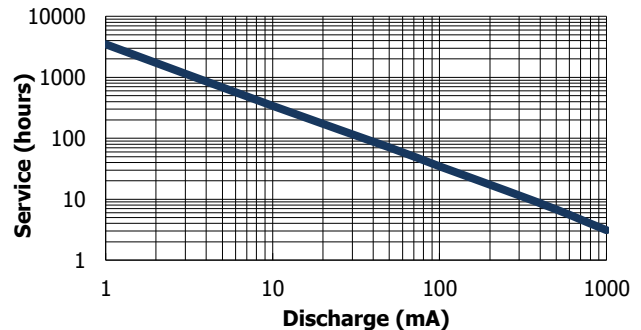
Constant Power Performance

Typical Characteristics to 0.8 Volts



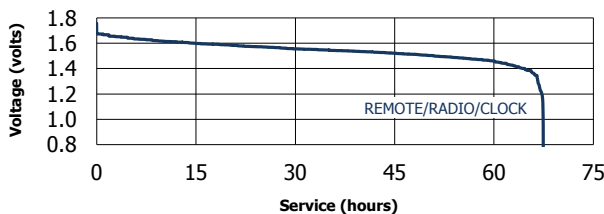
Constant Current Performance

Typical Characteristics to 0.8 Volts



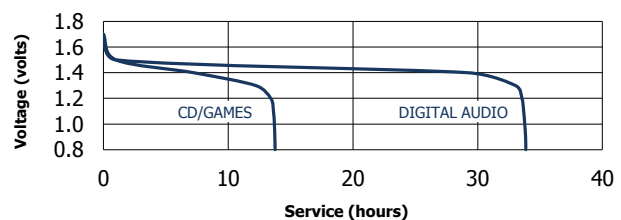
Application Tests

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



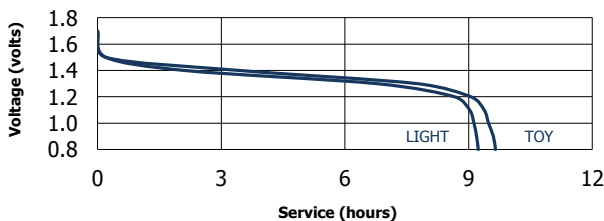
Application Tests

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



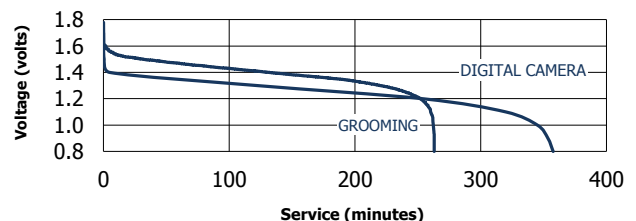
Application Tests

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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