



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



ENERGIZER L91
Ultimate Lithium

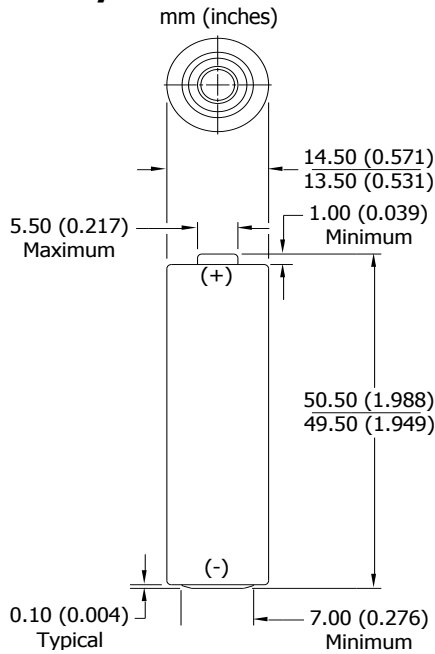


Specifications

AA

Classification:	"Cylindrical Lithium"
Chemical System:	Lithium/Iron Disulfide (Li/FeS ₂)
Designation:	ANSI 15-LF, IEC-FR6
Nominal Voltage:	1.5 Volts
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 (0.5 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
Typical Li Content:	Less than 1 gram
Typical IR:	90 to 160 milliohms (depending on method)
Shelf Life:	15 years at 21°C
Shipping:	Please refer to PSDS Document

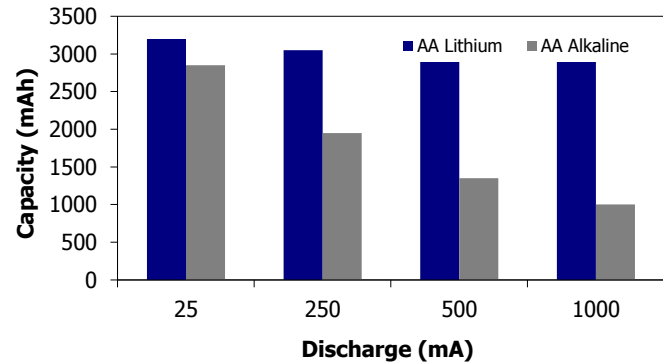
Industry Standard Dimensions



This battery has Underwriters Laboratories component recognition (MH29980)

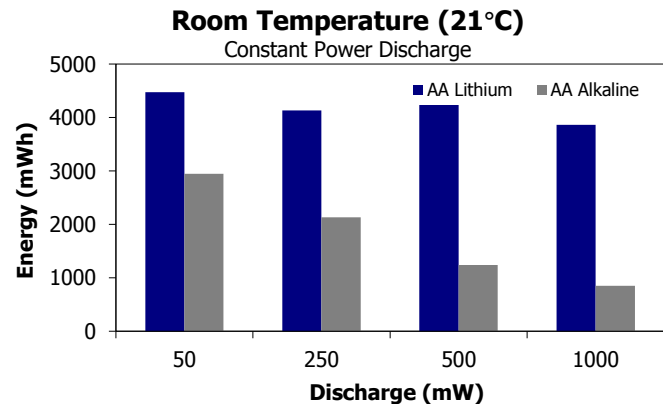
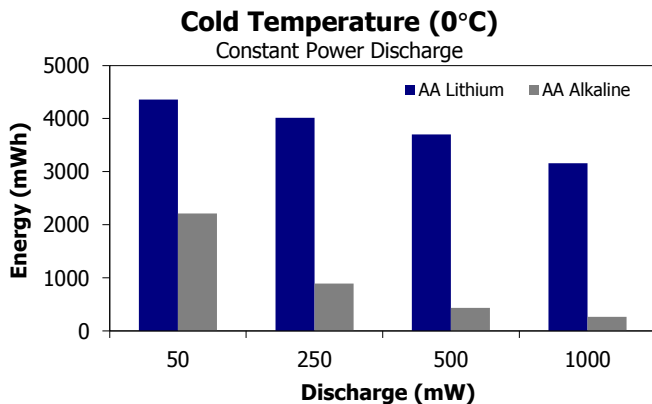
Milliamp-Hours Capacity

Constant Current Discharge to 0.9 Volts at 21°C



Milliwatt-Hours Capacity at Cold/Room Temperature

Constant Power Discharge to 1.0 Volts at 0°C and 21°C



Important Notice

This datasheet contains typical information specific to products manufactured at the time of its publication.
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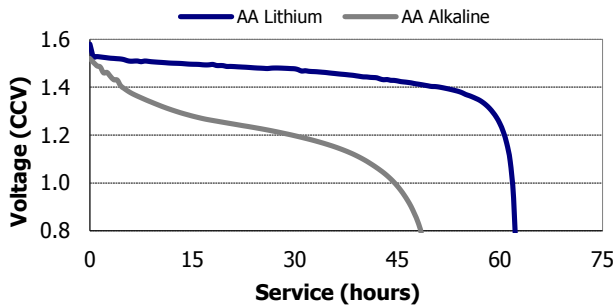
ENERGIZER L91



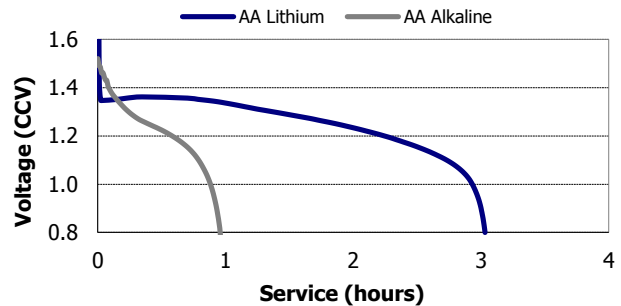
Typical Discharge Curve Characteristics

Constant Current Discharge at 21°C (low and high drains)

Low Drain Performance
50mA Continuous (21°C)

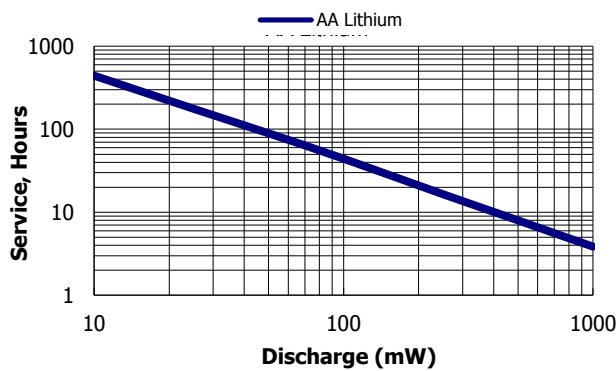


High Drain Performance
1000mA Continuous (21°C)



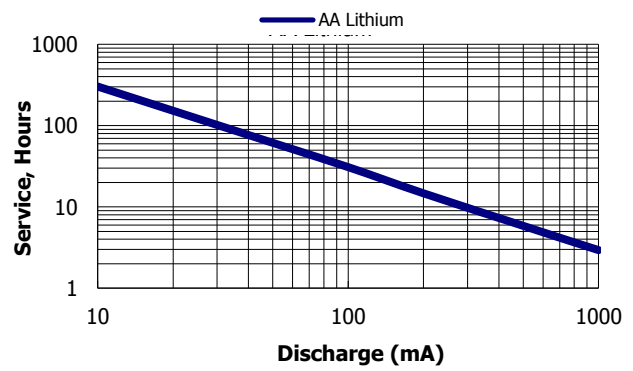
Constant Power Performance

Typical Characteristics to 1.0 Volts (21°C)



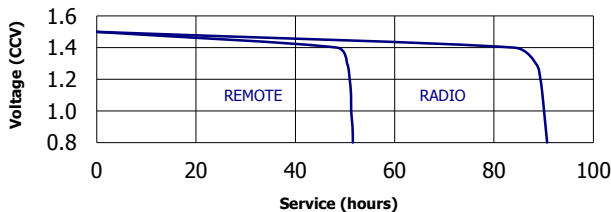
Constant Current Performance

Typical Characteristics to 1.0 Volts (21°C)



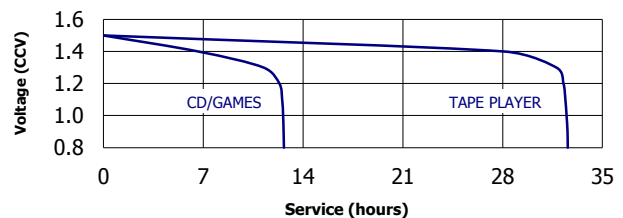
Application Tests (21°C)

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



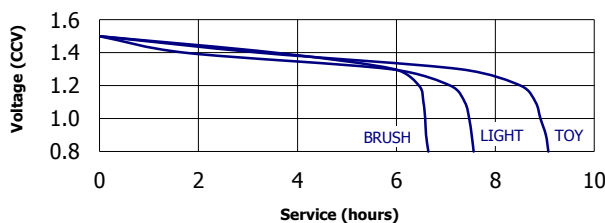
Application Tests (21°C)

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



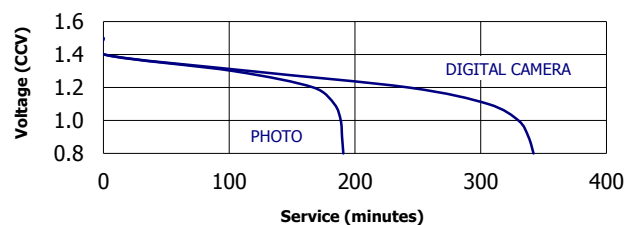
Application Tests (21°C)

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 (21°C)

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



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