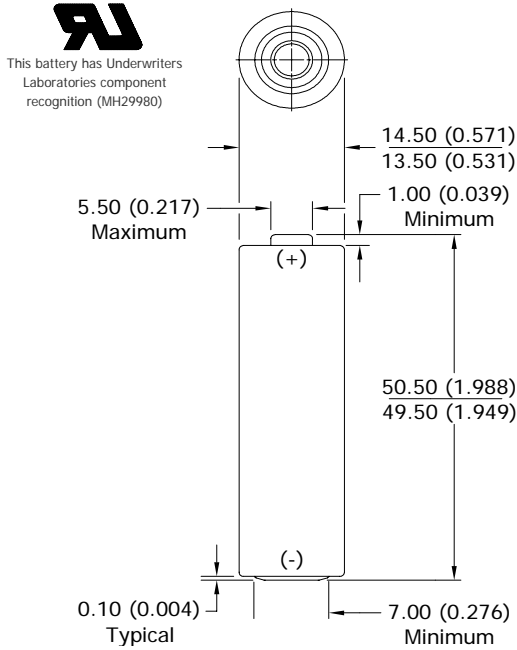


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Industry Standard Dimensions



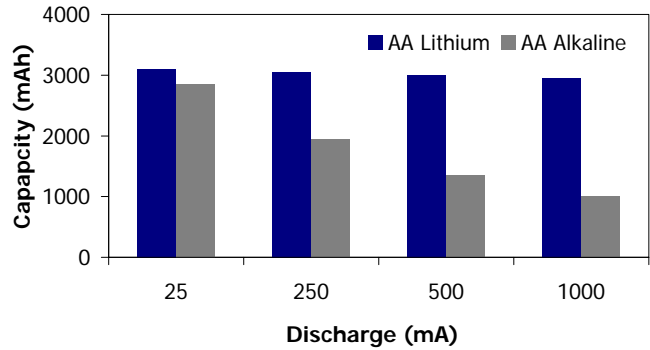
Specifications

Classification:	"Cylindrical Lithium"
Chemical System:	Lithium/Iron Disulfide (Li/FeS ₂)
Designation:	ANSI 15-LF, IEC-FR6
Nominal Voltage:	1.5 Volts
Typical Weight:	14.5 grams (0.5 oz.)
Typical Volume:	8.0 cubic centimeters (0.5 cubic inch)
Max Discharge:	2.0 Amps Continuous 3.0 Amps Pulse (2 sec on / 8 sec off)
Typical Li Content:	0.98 grams (0.03 oz.)
Typical IR:	90 to 150 milliohms*
Shelf Life:	15 years at 21°C (90% of rated capacity)
Transportation:	For complete details, please reference: Global (except US): Special Provision A45 of the International Air Transport Association Dangerous Goods Regulations United States: 49 CFR 173.185

* For additional information, please reference the IR technical white paper.

Milliamp-Hours Capacity

Constant Current Discharge to 0.9 Volts at 21°C

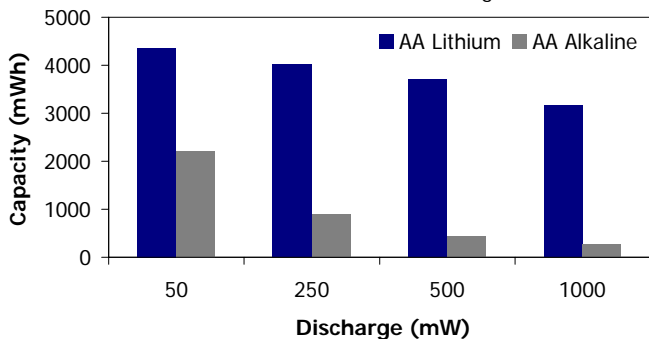


Milliwatt-Hours Capacity at Cold/Room Temperature

Constant Power Discharge to 1.0 Volts at 0°C and 21°C
Recommended Lithium Operating/Storage Temperature: -40°C to 60°C

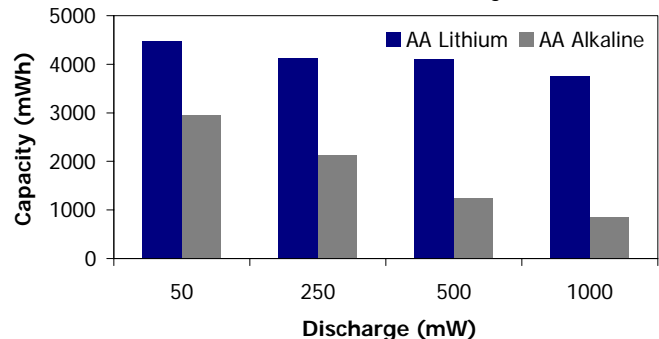
Cold Temperature (0°C)

Constant Power Discharge



Room Temperature (21°C)

Constant Power Discharge



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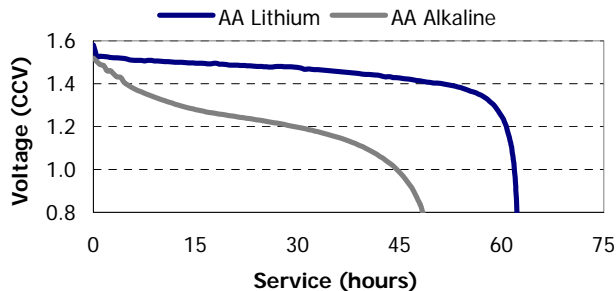
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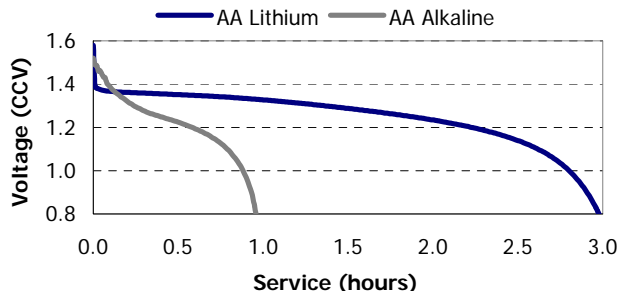
Typical Discharge Curve Characteristics

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

Low Drain Performance
50mA Continuous (21°C)

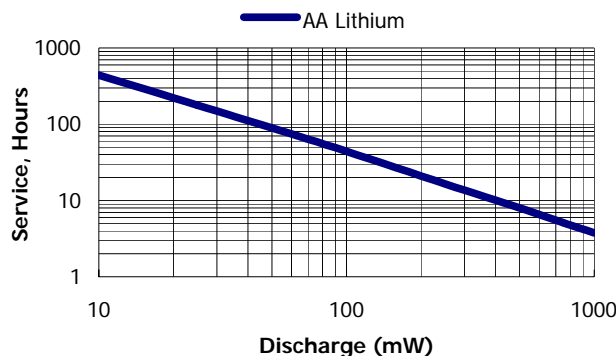


High Drain Performance
1000mA Continuous (21°C)



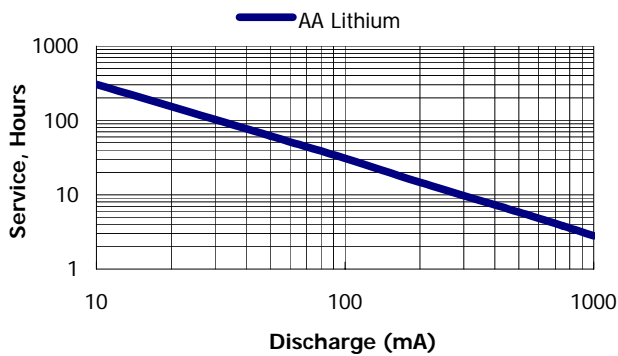
Constant Power Performance

Typical Characteristics to 1.0 Volts (21°C)



Constant Current Performance

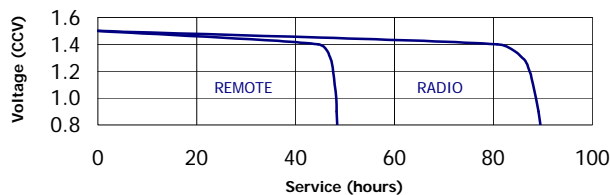
Typical Characteristics to 1.0 Volts (21°C)



Industry Standard Tests (21°C)

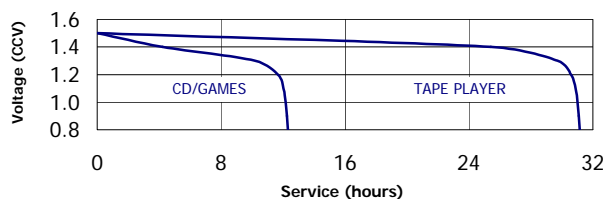
REMOTE
24 ohm 15 sec/min 8 hrs/day

RADIO
43 ohm 4 hrs/day



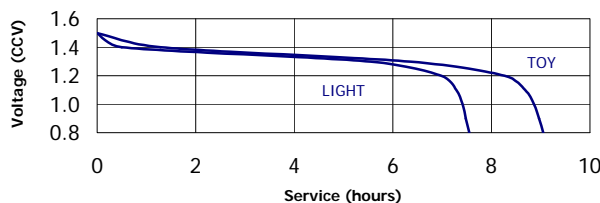
CD/GAMES
250 mA 1 hr/day

TAPE PLAYER
100 mA 1 hr/day



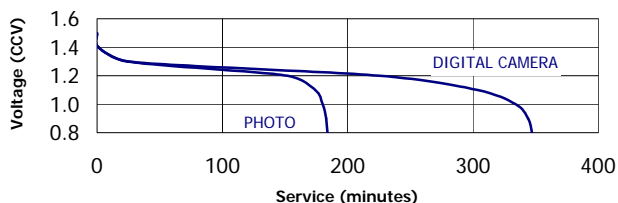
PORTABLE LIGHTING
3.3 ohm LIF

TOY
3.9 ohm 1 hr/day



PHOTOFLASH
1K mA 10 sec/min 1 hr/day

DIGITAL CAMERA
1.5/.65K mW 2/.1/27.9s 10X



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