

ENERGIZER L91
Ultimate Lithium

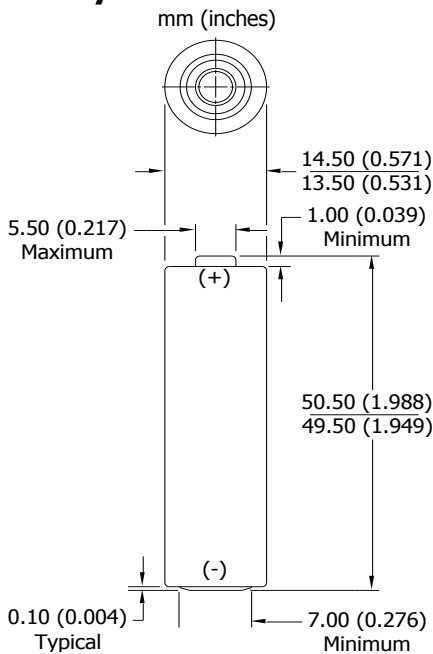


Specifications

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 |

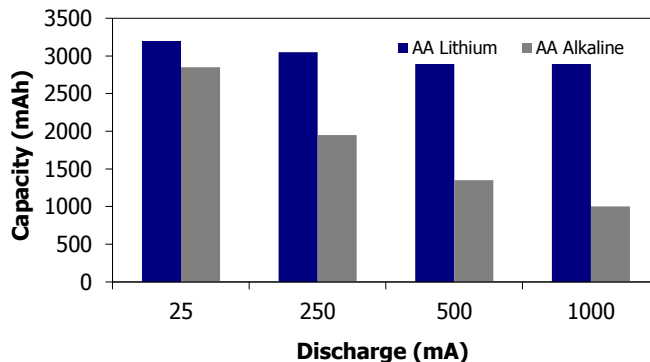
Industry Standard Dimensions



This battery has Underwriters Laboratories component recognition (MH29980)

Milliamp-Hours Capacity

Constant Current Discharge to 0.9 Volts at 21°C

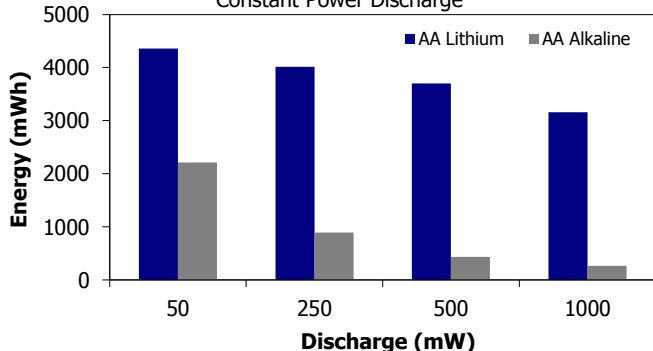


Milliwatt-Hours Capacity at Cold/Room Temperature

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

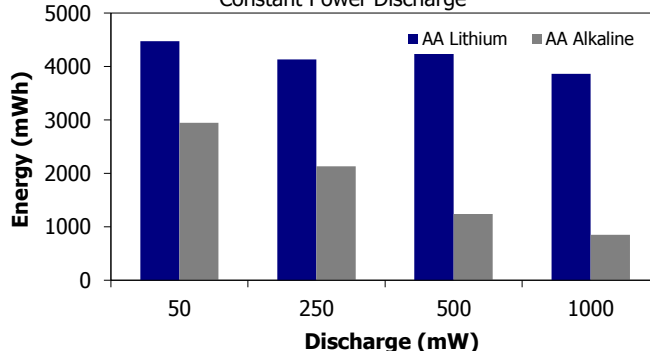
Cold Temperature (0°C)

Constant Power Discharge



Room Temperature (21°C)

Constant Power Discharge



Important Notice

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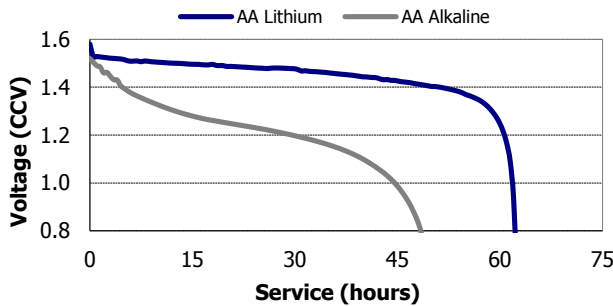
ENERGIZER L91

AA

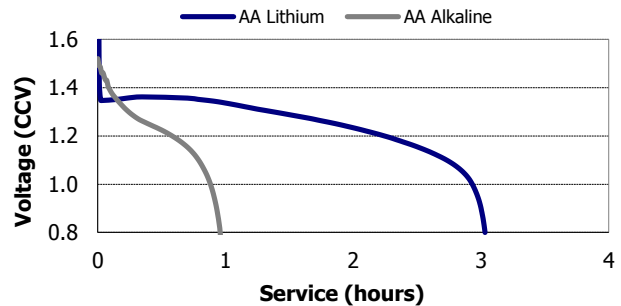
Typical Discharge Curve Characteristics

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

Low Drain Performance
50mA Continuous (21°C)

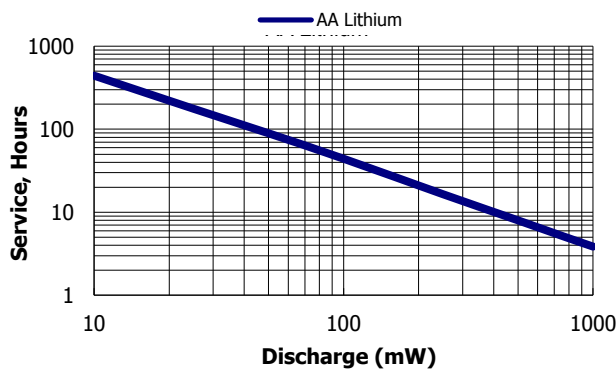


High Drain Performance
1000mA Continuous (21°C)



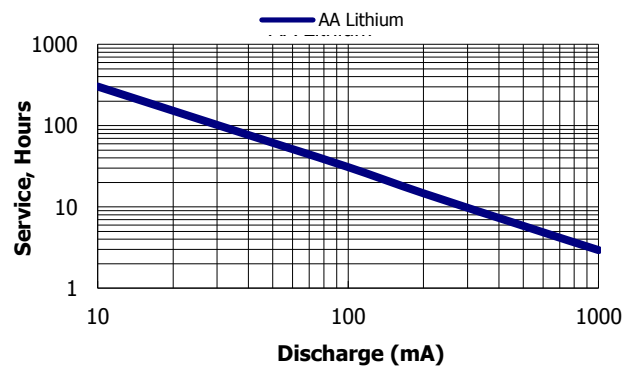
Constant Power Performance

Typical Characteristics to 1.0 Volts (21°C)



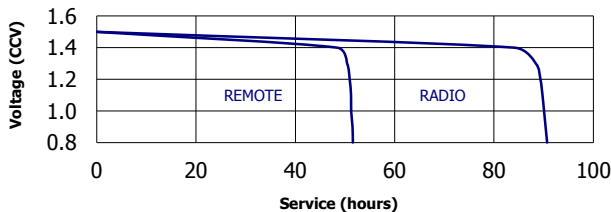
Constant Current Performance

Typical Characteristics to 1.0 Volts (21°C)



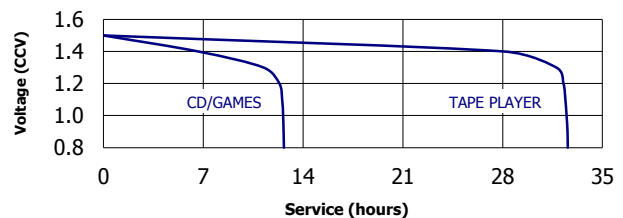
Application Tests (21°C)

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



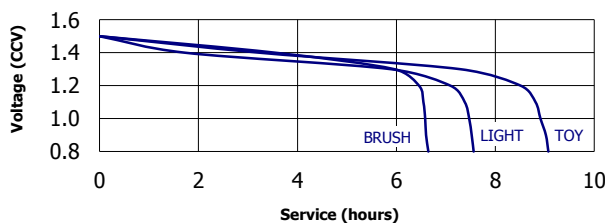
Application Tests (21°C)

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



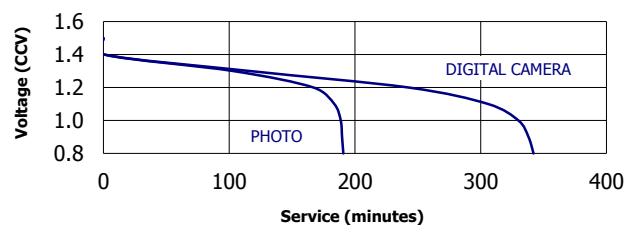
Application Tests (21°C)

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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