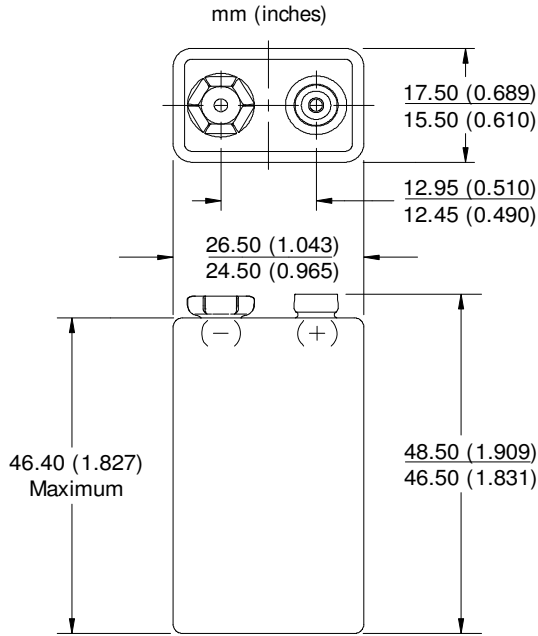


**ENERGIZER 522**

**9V**



**Industry Standard Dimensions**

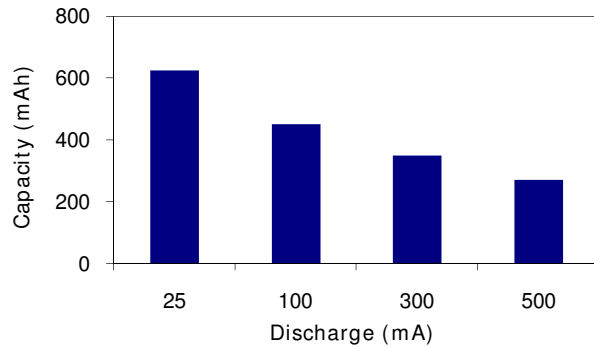


**Specifications**

Classification:	Alkaline
Chemical System:	Zinc-Manganese Dioxide (Zn/MnO <sub>2</sub> ) No added mercury or cadmium
Designation:	ANSI-1604A, IEC-6LR61
Nominal Voltage:	9.0 volts
Operating Temp:	-18°C to 55°C (0°F to 130°F)
Typical Weight:	45.6 grams (1.6 oz.)
Typical Volume:	21.1 cubic centimeters (1.3 cubic inch)
Jacket:	Metal
Shelf Life:	5 years at 21°C (80% of initial capacity)
Terminal:	Miniature Snap

**Milliamp-Hours Capacity**

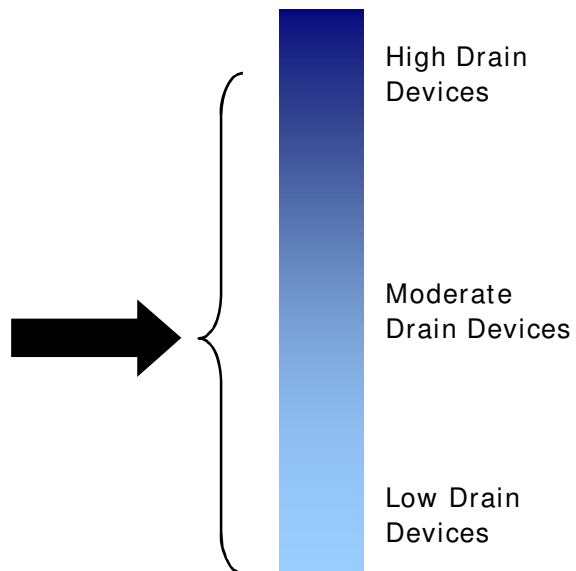
Continuous discharge to 4.8 volts at 21°C



**Device Selection Guide:**

- Toy
- Baby Monitor
- Garage Opener
- Clock Radio
- Smoke Detector

**Battery Selection Indicator**



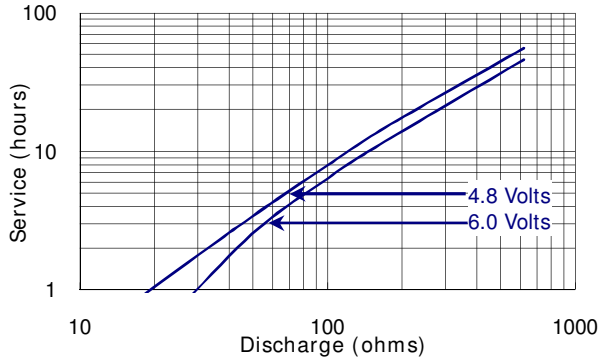
**Important Notice**

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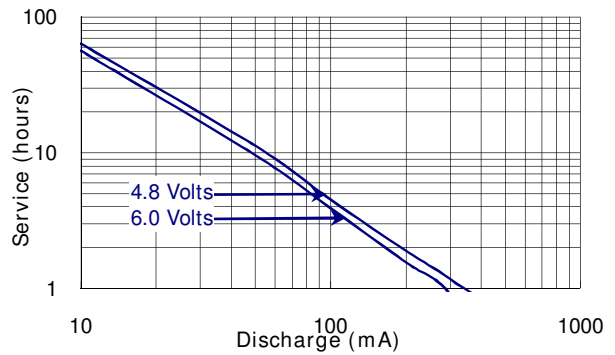
**ENERGIZER 522**

**9V**

**Constant Resistance Performance**  
Typical Characteristics (21°C)

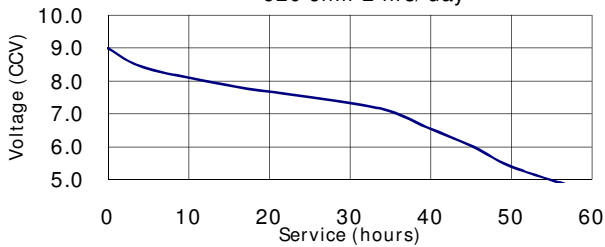


**Constant Current Performance**  
Typical Characteristics (21°C)

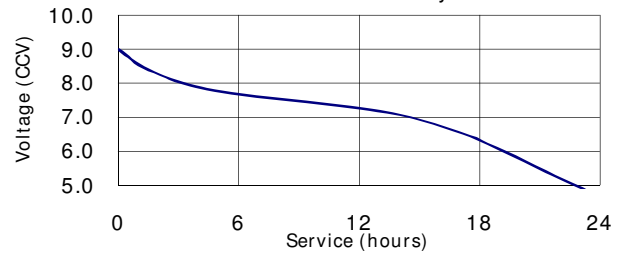


**Industry Standard Tests (21°C)**

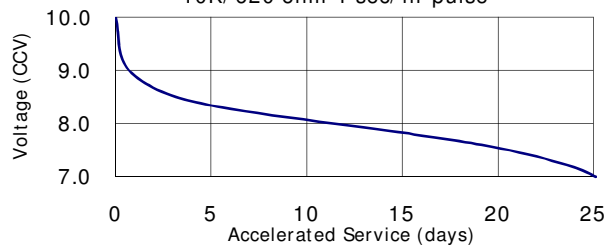
**RADIO**  
620 ohm 2 hrs/ day



**TOY**  
270 ohm 1 hr/ day



**ACCELERATED SMOKE DETECTOR**  
10K/ 620 ohm 1 sec/ hr pulse



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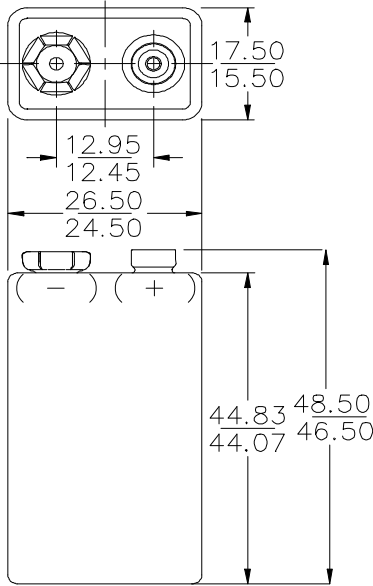


## Engineering Data

Alkaline **9V**  
 No Added Mercury or Cadmium

### ENERGIZER NO. 522

Dimensions (mm)



Millimeters	Inches
12.45	0.490
12.95	0.510
15.50	0.610
17.50	0.689
24.50	0.965
26.50	1.043
44.07	1.735
44.83	1.765
46.50	1.831
48.50	1.909

**Chemical System:** Zinc-Manganese Dioxide (Zn/MnO<sub>2</sub>)

**Designation:** ANSI-1604A, IEC-6LR61

**Battery Voltage:** 9 Volts

**Average Weight:** 45.6 grams (1.60 oz.)

**Volume:** 21.1 cubic centimeters (1.3 cubic inch)

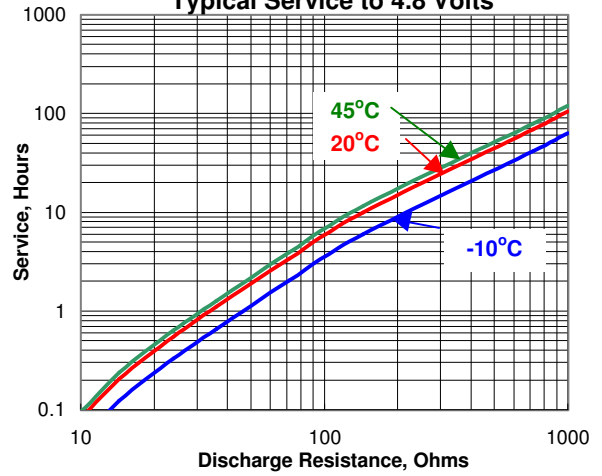
**Average Service capacity (to 0.8 Volts / cell):** 595 mAh  
 (Rated Capacity at 25mA continuous drain)

**Cell:** Six No. 3-0316 in series

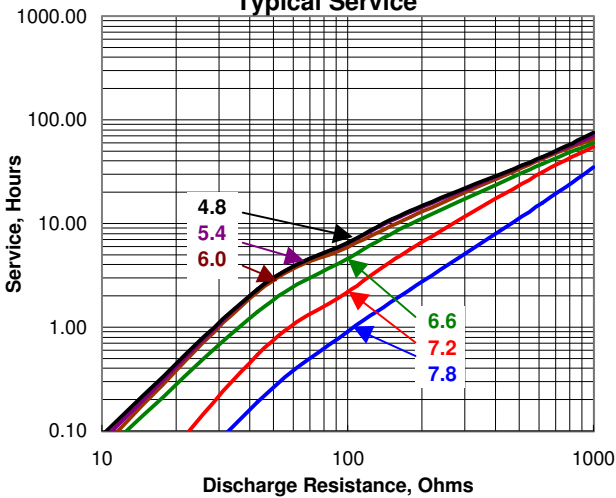
**Jacket:** Metal

**Shelf Life:** 5 years

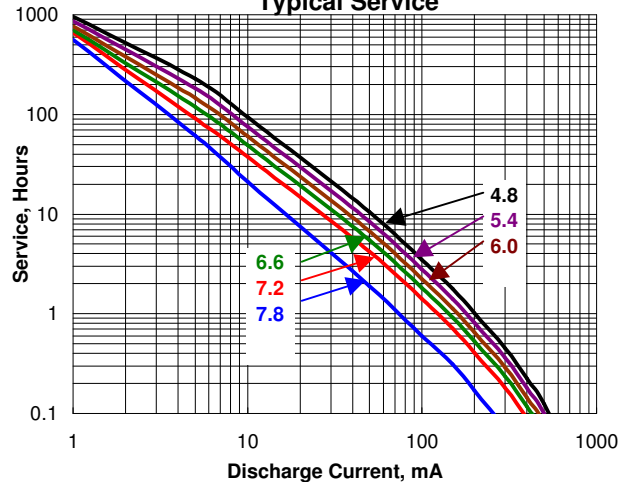
### Temperature Effects Typical Service to 4.8 Volts

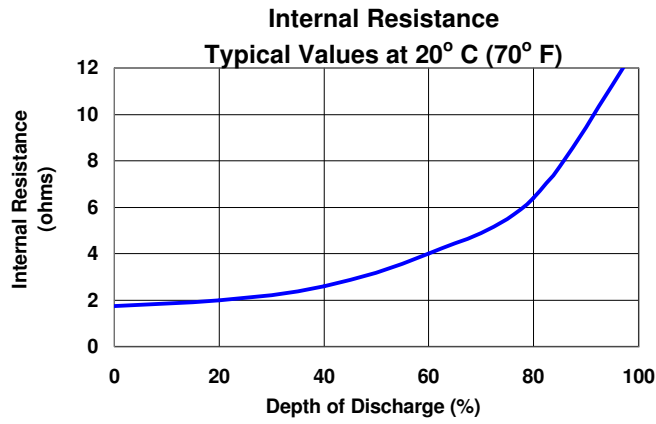


### Constant Resistance Discharge Typical Service

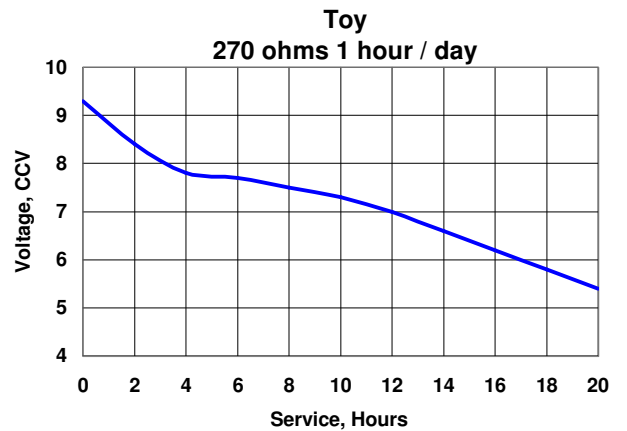
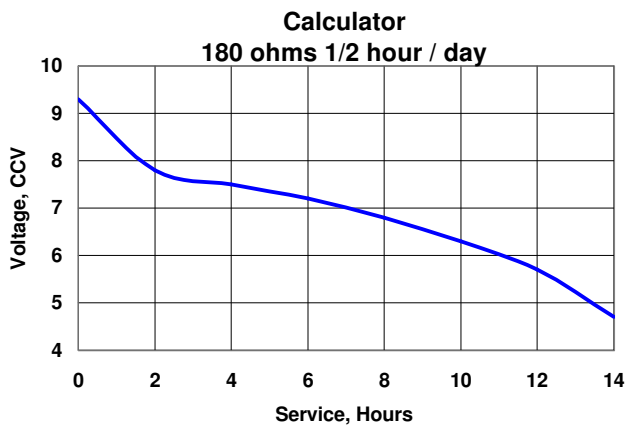
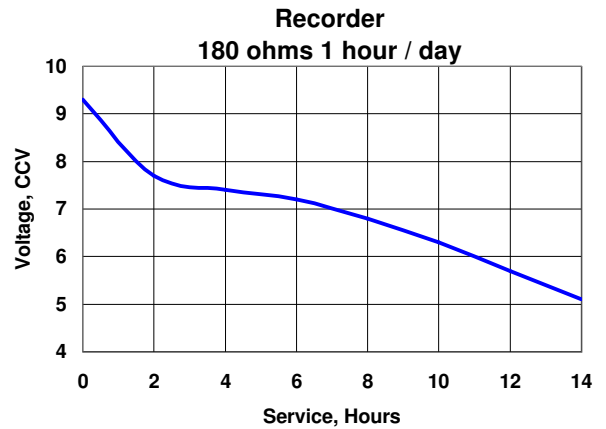
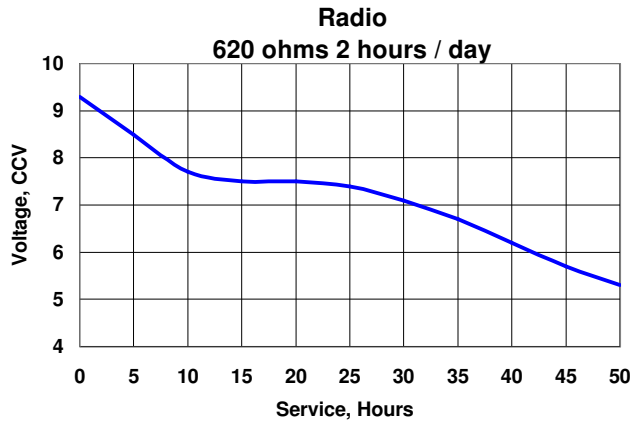


### Constant Current Discharge Typical Service





## Typical Applications



### Important Notice

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