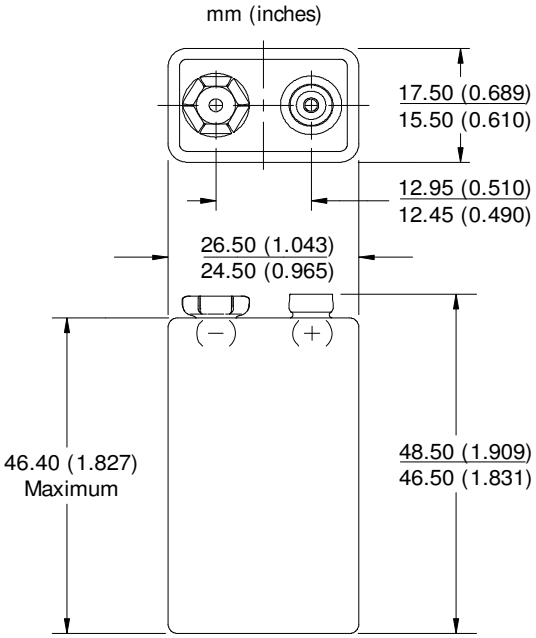
Energizer
1-800-383-7323 USA/CAN
www.energizer.com

ENERGIZER 522

9V

Industry Standard Dimensions

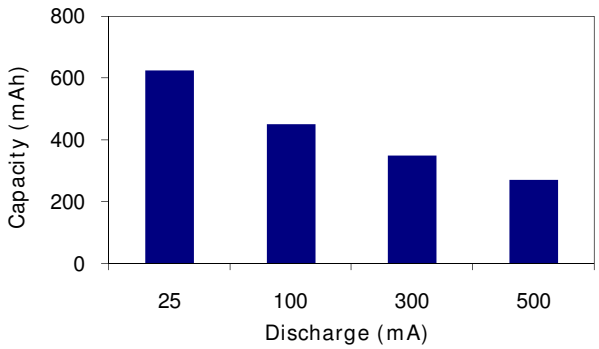


Specifications

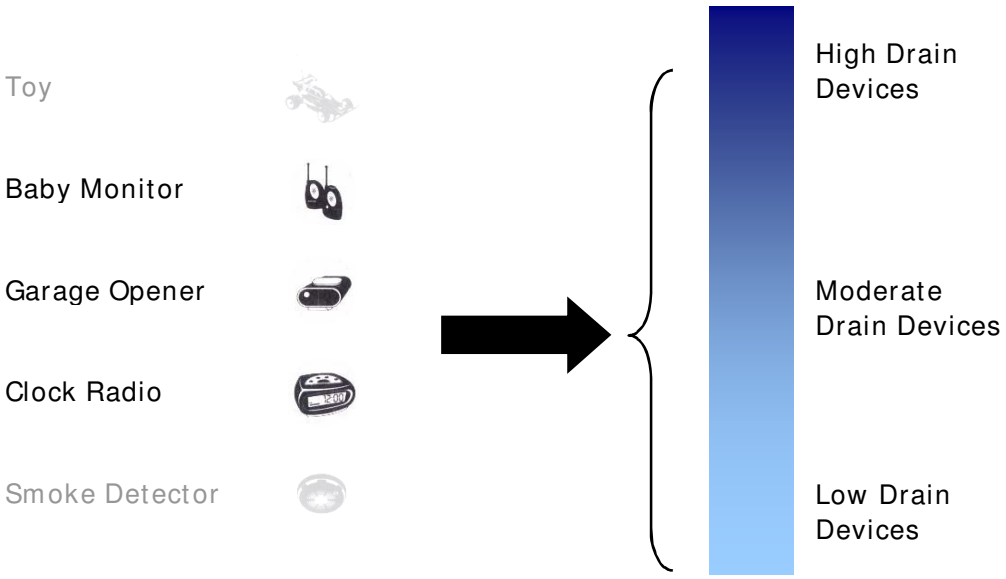
Classification:	Alkaline
Chemical System:	Zinc-Manganese Dioxide (Zn/MnO_2) No added mercury or cadmium
Designation:	ANSI-1604A, IEC-6LR61
Nominal Voltage:	9.0 volts
Operating Temp:	-18°C to 55°C (0°F to 130°F)
Typical Weight:	45.6 grams (1.6 oz.)
Typical Volume:	21.1 cubic centimeters (1.3 cubic inch)
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:



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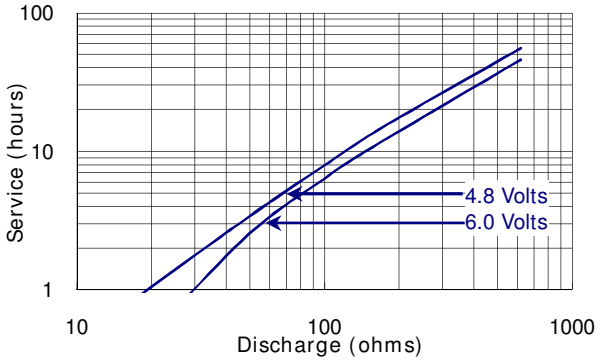
9V

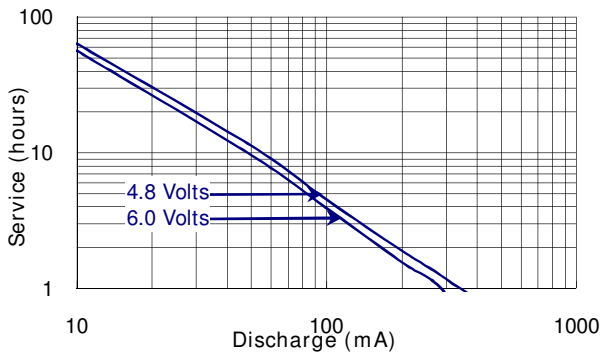
Constant Resistance Performance

Typical Characteristics (21°C)



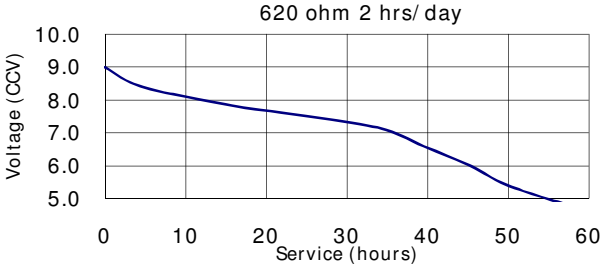
Constant Current Performance

Typical Characteristics (21°C)

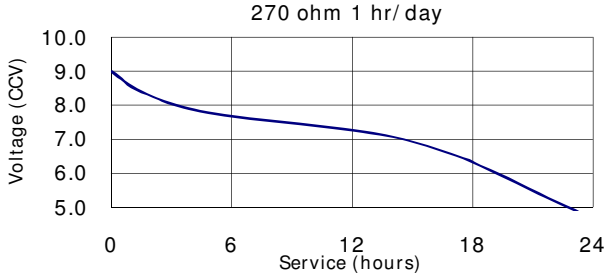


Industry Standard Tests (21°C)

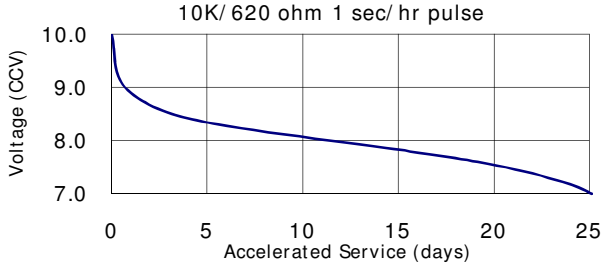
RADIO
620 ohm 2 hrs/ day



TOY
270 ohm 1 hr/ day



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



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Eveready Battery Company, Inc.

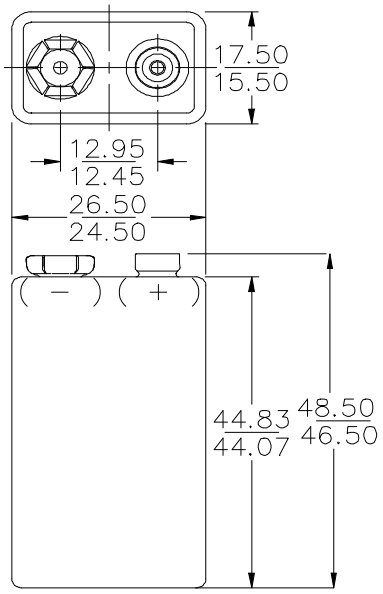
533 Maryville University Drive
St. Louis, MO 63141
Telephone 1-800-383-7323
Internet: www.energizer.com

Engineering Data

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

ENERGIZER NO. 522

Dimensions (mm)

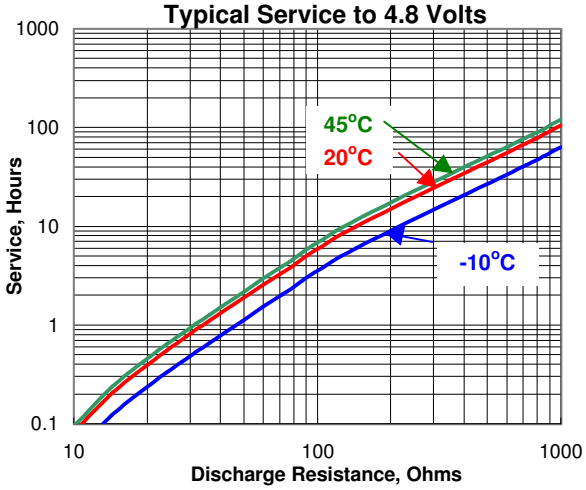


Millimeters	Inches
12.45	0.490
12.95	0.510
15.50	0.610
17.50	0.689
24.50	0.965
26.50	1.043
44.07	1.735
44.83	1.765
46.50	1.831
48.50	1.909

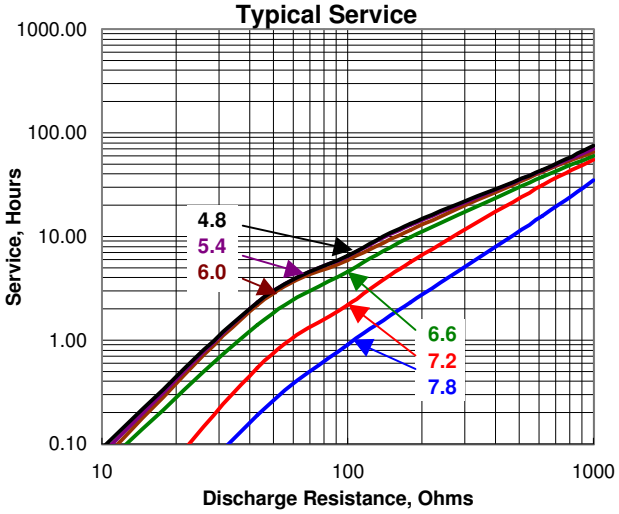
Chemical System: Zinc-Manganese Dioxide (Zn/MnO_2)

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

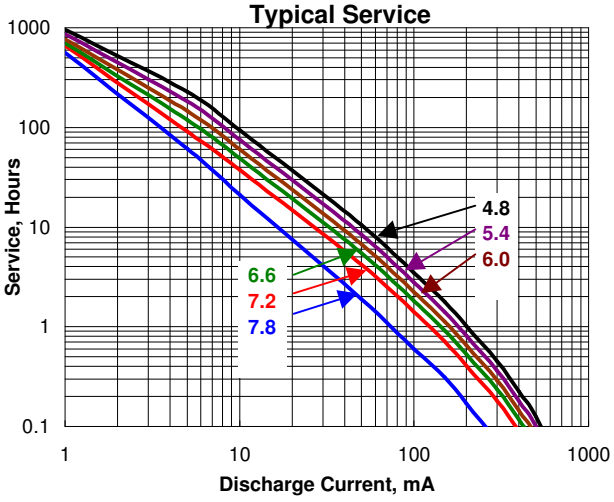
Temperature Effects
Typical Service to 4.8 Volts

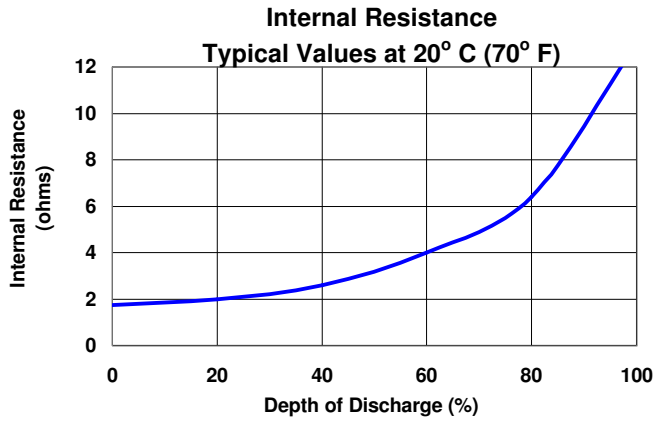


Constant Resistance Discharge
Typical Service

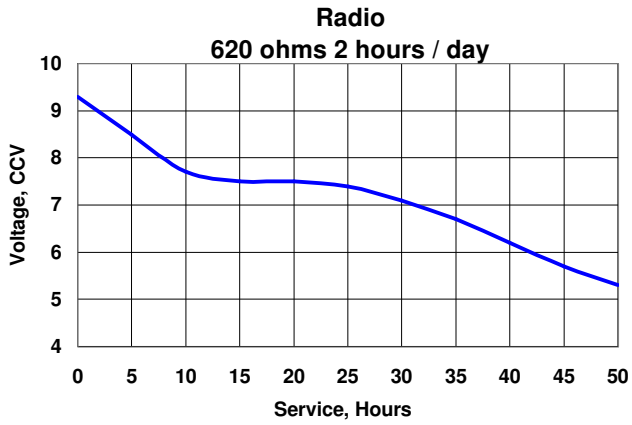


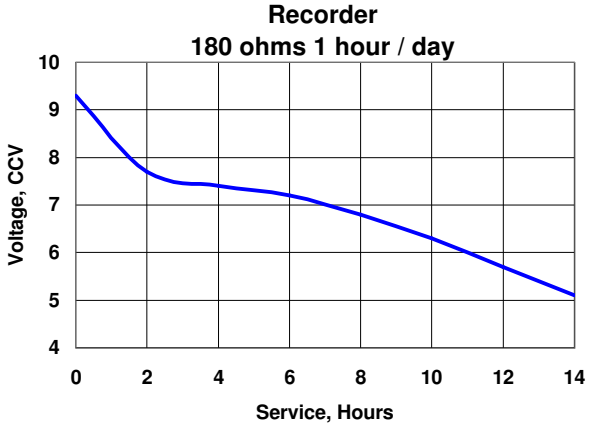
Constant Current Discharge
Typical Service

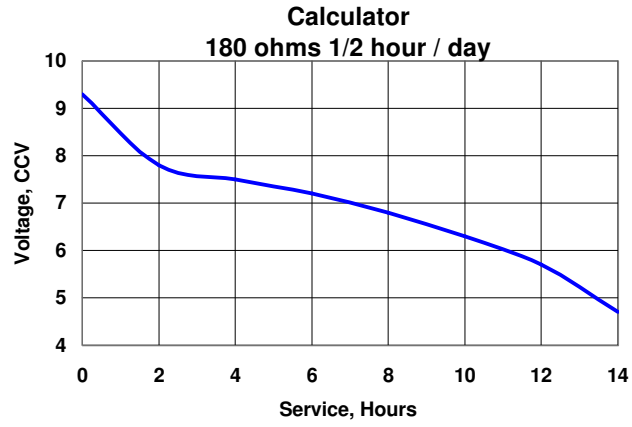


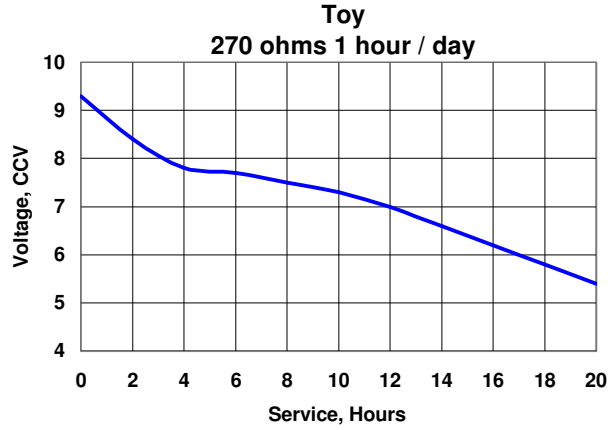


Typical Applications









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