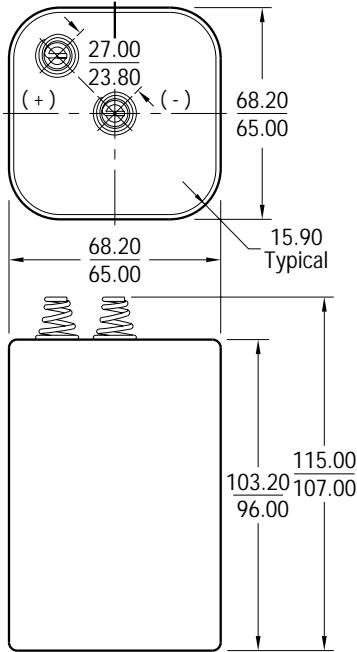




Eveready Battery Company, Inc.
 Checkerboard Square
 St. Louis, MO 63164
 Telephone: 1-800-383-7323
 Internet: www.energizer.com

Engineering Data

EVEREADY NO. EV90HP



*Zinc Chloride 6V
 Industrial Heavy Duty*

*No Added Mercury or Cadmium
 NOT INTENDED FOR RETAIL TRADE*

Chemical System: Zinc-Manganese Dioxide (Zn/MnO₂)

Designation: ANSI-908CD, IEC-4R25

Battery Voltage: 6 Volts

Average Weight: 600 grams (21.2 oz.)

Volume: 492 cubic centimeters (30 cubic inch)

Average Service Capacity (to 0.8 Volt / cell): 11 Ah
 (Rated capacity at 25 mA continuous drain)

Cells: Four No. 60 (size "F") in series.

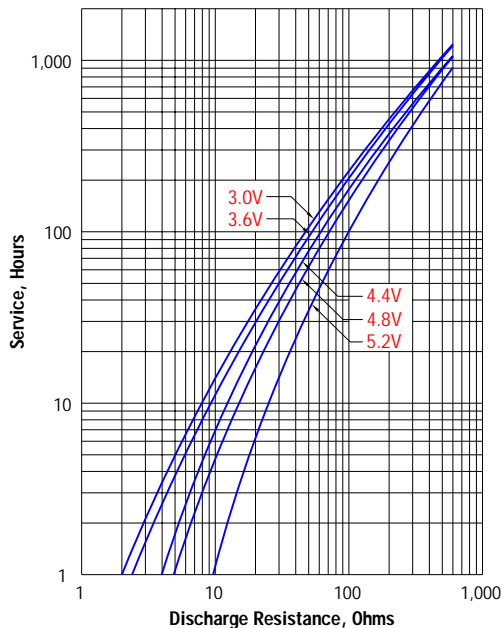
Jacket: Plastic

Dimensions (mm)

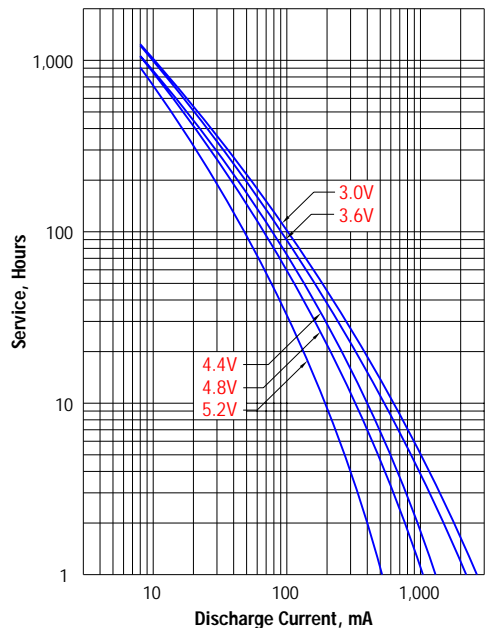
Millimeters	Inches
15.90	.626
23.00	.937
27.00	1.063
65.00	2.559
68.20	2.685
82.60	3.252
96.00	3.780
101.60	4.000
103.20	4.063
107.00	4.213
115.00	4.528

THIS BATTERY SHALL PASS FREELY THROUGH A
 CYLINDRICAL TUBE 82.6 DIAMETER X 101.6 LONG.

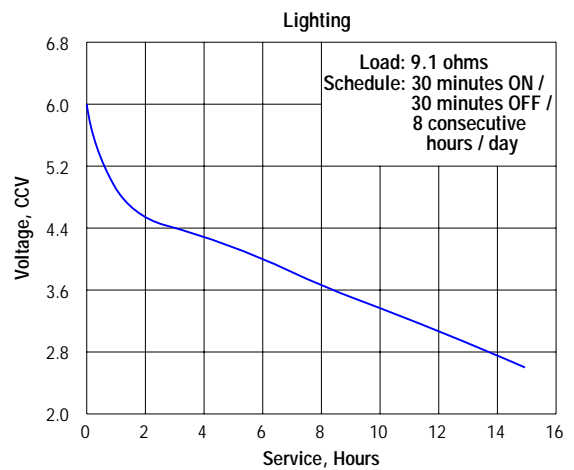
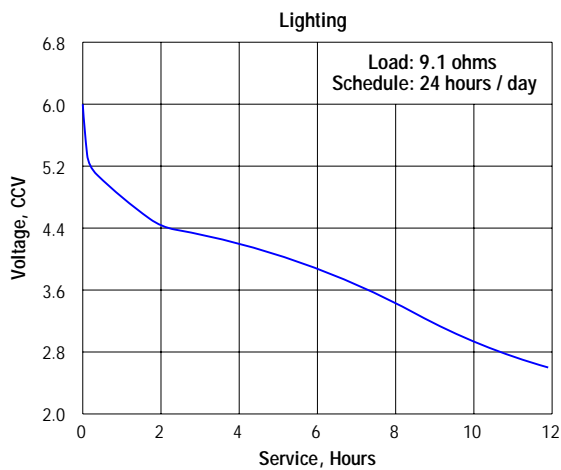
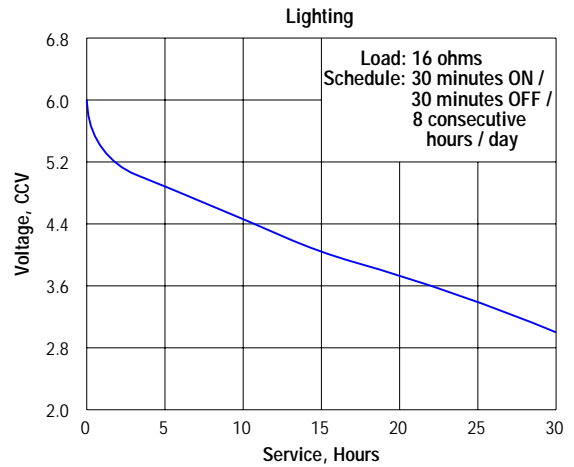
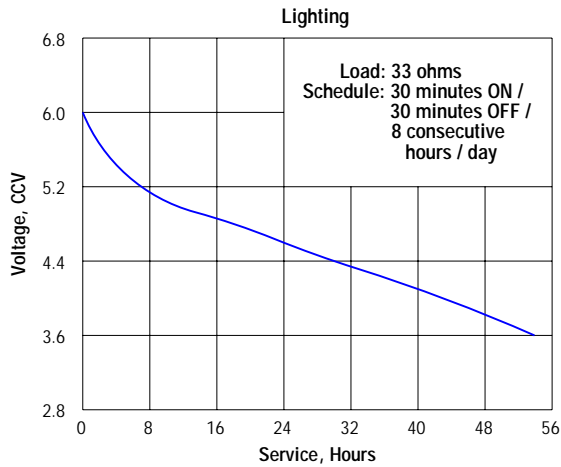
CONSTANT RESISTANCE PERFORMANCE Typical Service



CONSTANT CURRENT PERFORMANCE Typical Service



TYPICAL APPLICATIONS



INTERNAL RESISTANCE VS TEMPERATURE This measurement is an approximation of the battery's actual internal resistance. It is sensitive to the loads selected and operator technique.

Schedule: Background Load 600 ohms, Pulse Load 10 ohms, Pulse Duration 1 second.

Temperature	Typical Ri (ohms)
45°C (113°F)	0.7
21°C (70°F)	0.9
0°C (32°F)	1.0
-20°C (-4°F)	10.0

IMPORTANT NOTICE

This data sheet contains information specific to batteries manufactured at time of its publication. Please contact your Energizer representative for most current information. Contents herein do not constitute a warranty.