

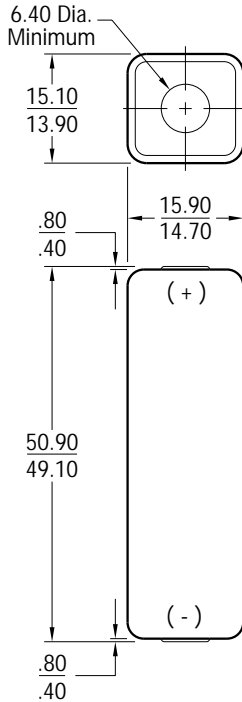


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Engineering Data

EVEREADY NO. 505

*Zinc Chloride 22.5V
 No Added Mercury or Cadmium*



Dimensions (mm)

Millimeters	Inches
.40	.016
.80	.031
6.40	.252
13.90	.547
14.70	.579
15.10	.594
15.90	.626
49.10	1.933
50.90	2.004

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

Designation: ANSI-221, IEC-15F15

Battery Voltage: 22.5 Volts

Average Weight: 21.8 grams (0.8 oz.)

Volume: 12 cubic centimeters (0.7 cubic inch)

Average Service Capacity (to 0.8 Volt / cell): 60 mAh
 (Rated capacity at 25 mA continuous drain)

Cells: Fifteen No. 110 in series

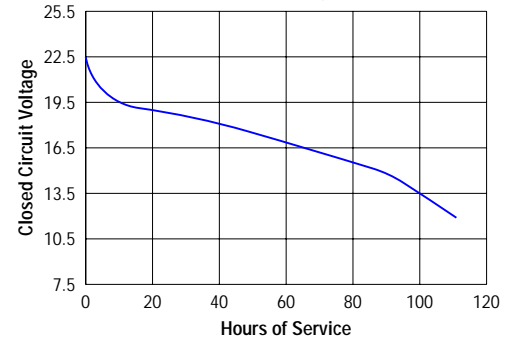
Jacket: Metal

SIMULATED APPLICATION TESTS
 Estimated Average Service at 21°C (70°F)

Schedule	Typical Drains @ 18V (milliamperes)	Load (ohms)	CUTOFF VOLTAGE					
			12V	13.5V	15V	16.5V	18V	19.5V
hours								
12 hours / day	0.4	45,000	235	222	205	180	132	60
4 hours / day	0.8	22,000	110	100	88	64	42	10

TYPICAL DISCHARGE CHARACTERISTICS

Schedule: 4 hours/day
 Typical Drain @ 18V: 0.8 milliamperes
 Load: 22,000 ohms



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 377K ohms, Pulse Load 7,000 ohms, Pulse Duration 1 second.

Temperature	Typical Ri (ohms)
45°C (113°F)	150
21°C (70°F)	220
0°C (32°F)	280
-20°C (-4°F)	480

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.