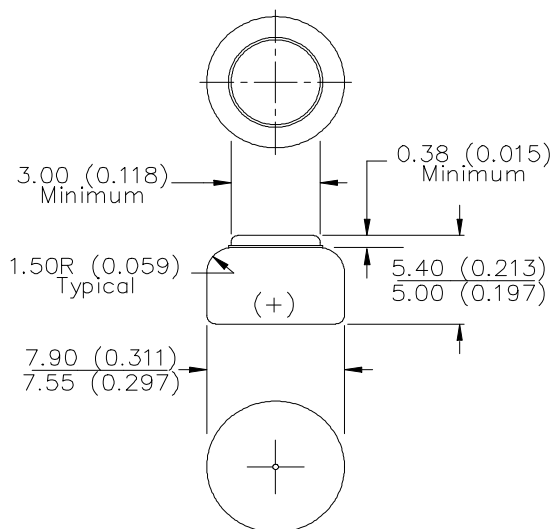


ENERGIZER NO. AC13



Industry Standard Dimensions in mm (inches)



Chemical System: Zinc Air (ZnO₂)

Designation: ANSI - 7000ZD, IEC - PR48

Battery Voltage: 1.4 Volts

Average Weight: 0.8 grams (0.03 oz.)

Volume: 0.3 cubic centimeters (0.02 cubic inch)

Average Capacity: 280 mAh to 0.9 volts
 (Rated at 1.5k ohms at 21°C & 50% RH)

Cells: AC13

TYPICAL DISCHARGE CHARACTERISTICS

Schedule: 16 hours/day

Typical Drain @ 1.3V: 1.3 & 0.87 milliamperes

Load: 1K & 1.5K ohms



Simulated Application Test Estimated Average Service at 21°C (70°F) and 50% RH

Schedule:	Typical Drains at 1.3V (milliamperes)	Load (ohms)	Cutoff Voltage
			0.9V
16 hours/day	1.3	1,000	215 Hours
16 hours/day	0.87	1,500	322 Hours

IMPEDANCE: The typical impedance of these cells on open circuit and during useful discharge varies from 5-20 ohms. This applies over a frequency range of 40-5,000 hertz and at the current drain shown above.

Important Notice

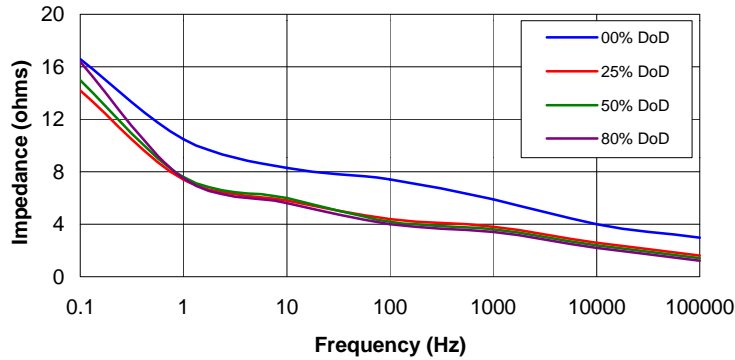
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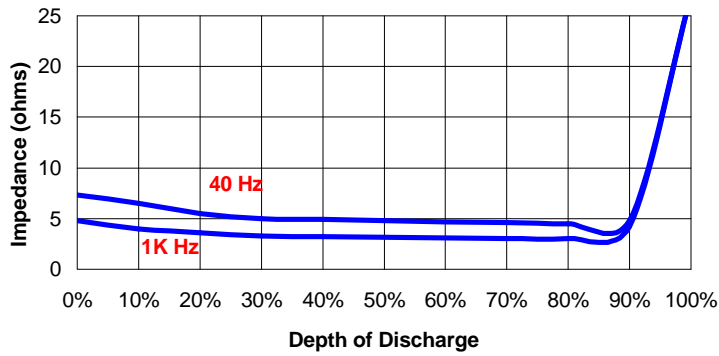
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ENERGIZER AC13

Impedance vs. Frequency

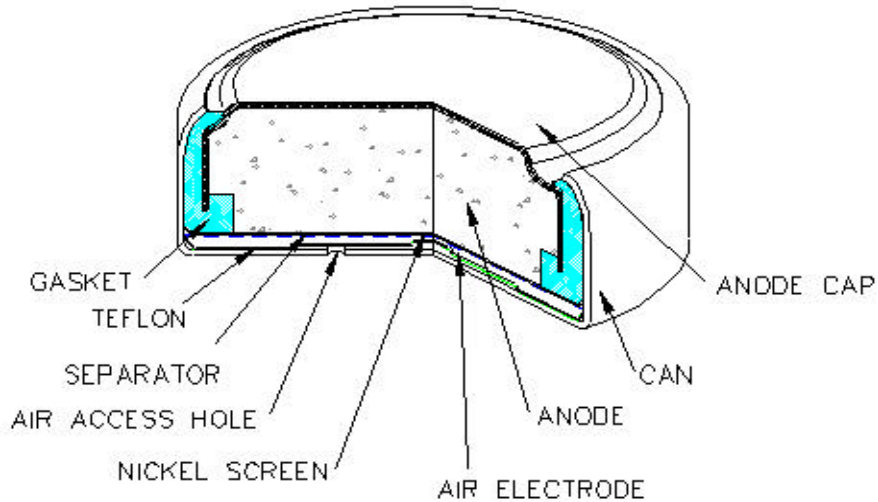


Impedance vs. Depth of Discharge



IMPEDANCE (Z) : The total opposition that a battery offers to a flow of alternating current.
Impedance is a combination of resistance and reactance

"AIR CELL" BATTERY - CUTAWAY VIEW



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