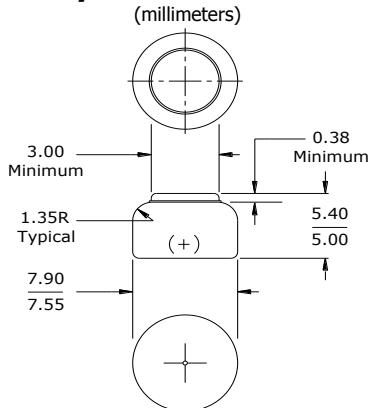


## ENERGIZER AC13E

Zinc Air



## Industry Standard Dimensions (millimeters)



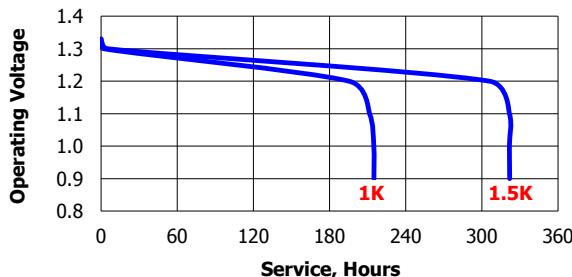
## Typical Discharge Characteristics

Schedule: 16 hours/day

Typical Drain @ 1.3V:

1.3 &amp; 0.87 milliamperes

Load: 1K &amp; 1.5K ohms



## Simulated Application Test

Typical Performance at 21°C &amp; 50% RH

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

## Specifications

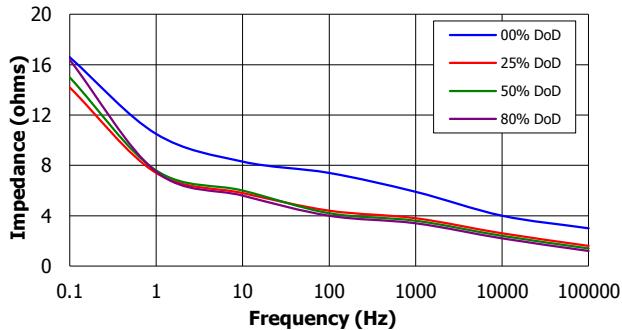
Chemical System:	Zinc Air (Zn/O <sub>2</sub> )
Tab Color:	Orange
Designation:	IEC-PR48
Nominal Voltage:	1.4 Volts
Typical Capacity:	280 mAh (to 0.9 volts) (Rated at 1.5k ohms at 21°C/50% RH)
Typical Weight:	0.8 grams
Typical Volume:	0.3 cubic centimeters

## Impedance

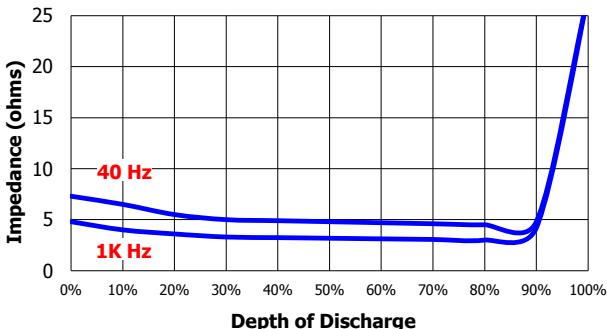
The total opposition that a battery offers to the flow of alternating current. Impedance is a combination of resistance and reactance.

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 at the current drains shown below.

## Impedance vs. Frequency



## Impedance vs. Depth of Discharge



## Important Notice

This datasheet contains typical information specific to products manufactured at the time of its publication.

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