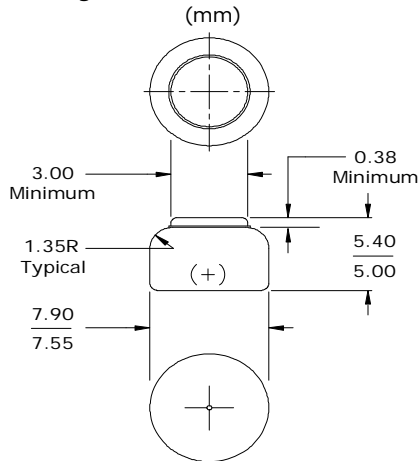


# Energizer AC13 - Mercury Free



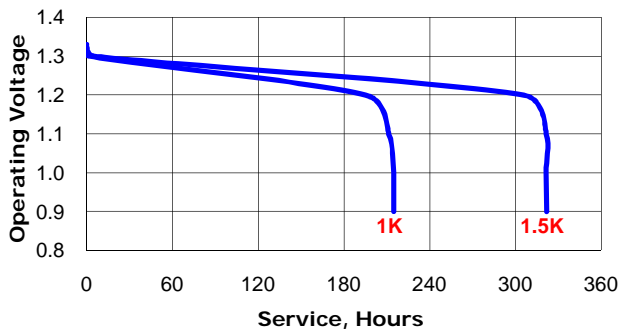
(top view) (bottom view)

## Industry Standard Dimensions



## Typical Discharge Characteristics

**Schedule:** 16 hours/day  
**Typical Drain @ 1.3V:**  
 1.3 & 0.87 milliamperes  
**Load:** 1K & 1.5K ohms



## Simulated Application Test

Typical Performance at 21°C & 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

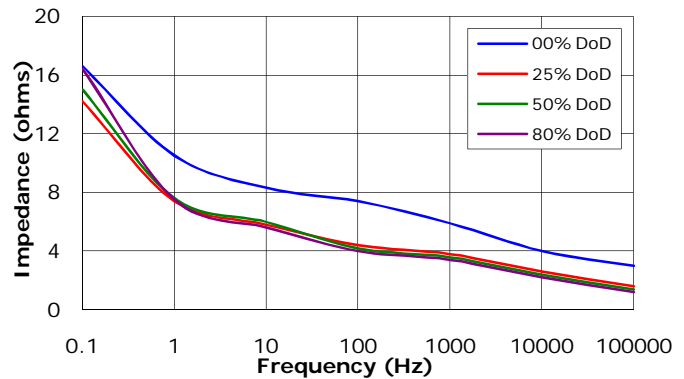
**Chemical System:** Zinc Air (ZnO<sub>2</sub>)  
**Tab Color:** Orange  
**Designation:** IEC-PR48  
**Nominal Voltage:** 1.4 Volts  
**Typical Capacity:** 280 mAh (to 0.9 volts)  
 (Rated at 1.5k ohms at 21°C/50% RH)  
**Typical Weight:** 0.8 grams  
**Typical Volume:** 0.3 cubic centimeters

## Impedance

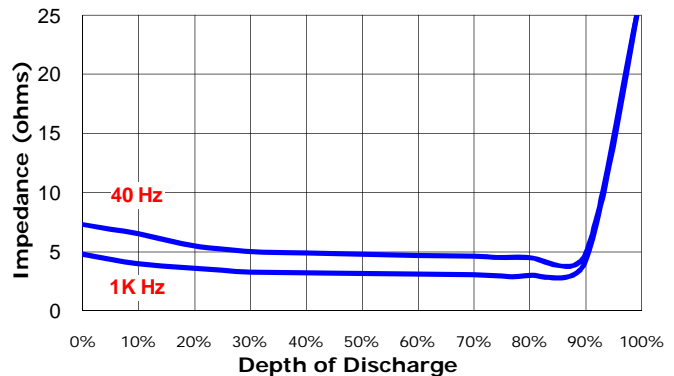
The total opposition that a battery offers to the flow of alternating current. Impedance is a combination of resistance and reactance.

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 batteries manufactured at the time of its publication.

**Contents herein do not constitute a warranty.**

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