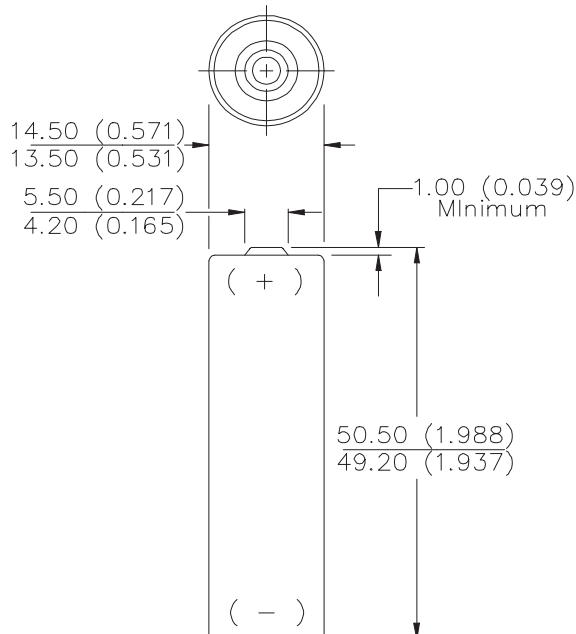


# ENERGIZER NO. NH15

**AA**


Industry Standard Dimensions in mm (inches)



**Description:** Rechargeable 1.2V  
**Chemical System:** Nickel-Metal Hydride (NiMH)  
**Designation:** ANSI-1.2H2  
**Battery Voltage:** 1.2 Volts  
**Average Capacity:** 2300 mAh (to 1.0 volts)  
 (Based on 460 mA (0.2C) discharge rate)  
**Average Weight:** 27.0 grams (1.0 oz.)  
**Volume:** 8.3 cubic centimeters (0.5 cubic inch)  
**Jacket:** Plastic Label

## Internal Resistance

The internal resistance of the cell varies with state of charge, as follows:

Cell Charged	Cell 1/2 Discharged
30 milliohms	40 milliohms
(tolerance of $\pm 20\%$ applies to above values)	

## AC Impedance (No Load)

The impedance of the charged cell varies with frequency, as follows:

Frequency (Hz)	Impedance (milliohms) (Charged Cell)
1000	12

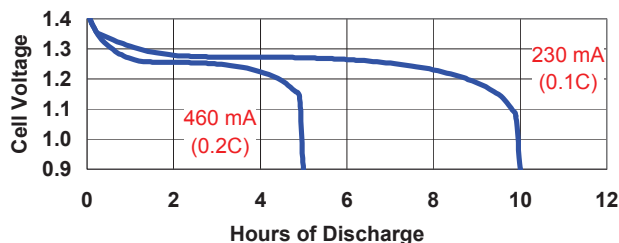
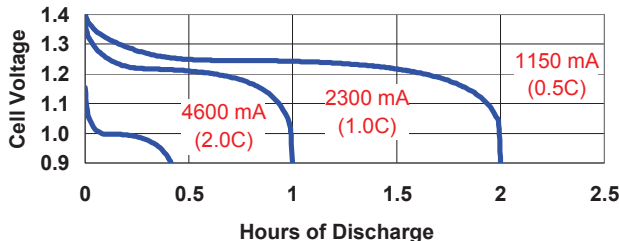
Note: Above values based on AC current set at 1.0 ampere.  
 Value tolerances are  $\pm 20\%$

## Operating and Storage Temperatures

Ranges of temperature applicable to operation of the NH15 cells are:

**Charge @ 0.1C:** 32°F to 122°F (0°C to 50°C)  
**Discharge @ 0.1C:** -4°F to 122°F (-20°C to 50°C)  
**Storage:** -40°F to 122°F (-40°C to 50°C)  
 ( 6 Months Max. )  
 -4°F to 95°F (-20°C to 35°C)  
 ( 2 Years Max. )

Operating at extreme temperature will significantly affect service and cycle life.

 TYPICAL DISCHARGE CHARACTERISTICS  
 Average Performance at 21°C (70°F)

 TYPICAL DISCHARGE CHARACTERISTICS  
 Average Performance at 21°C (70°F)


## Important Notice

This data sheet contains information specific to batteries manufactured at the time of its publication.

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

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