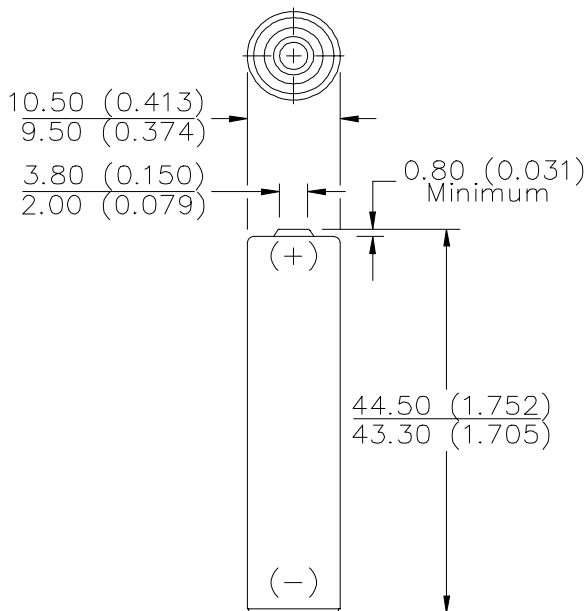


ENERGIZER NO. NH12

AAA



Industry Standard Dimensions in mm (inches)



Description: Rechargeable 1.2V
Chemical System: Nickel-Metal Hydride (NiMH)
Designation: ANSI-1.2H1
Battery Voltage: 1.2 Volts
Average Capacity: 850 mAh (to 1.0 volts)
 (Based on 170 mA (0.2C) discharge rate)
Average Weight: 12.0 grams (0.4 oz.)
Volume: 3.8 cubic centimeters (0.2 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
100 milliohms	1200 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	35

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 NH12 cells are:

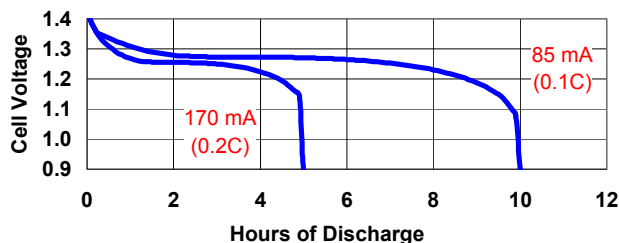
Charge @ 0.1C: 32°F to 122°F (0°C to 50°C)

Discharge @ 0.1C: -4°F to 122°F (-20°C to 50°C)

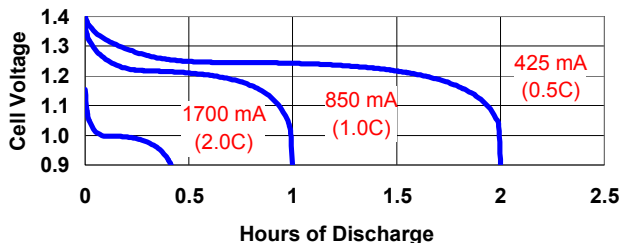
Storage: -40°F to 122°F (-40°C to 50°C)
 (6 Months Max.)
 -4°F to 95°F (-20°C to 35°C)
 (2 Years Max.)

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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