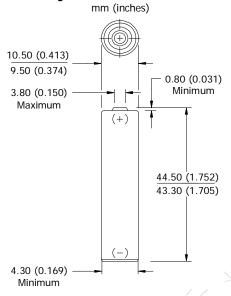


ENERGIZER NH12-700

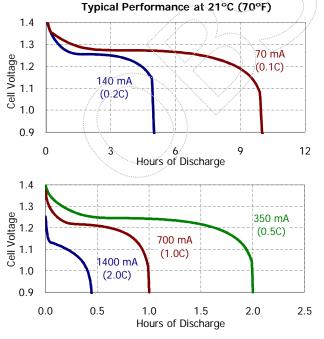




Industry Standard Dimensions



Discharge Characteristics



Specifications

Classification: Rechargeable

Chemical System: Nickel-Metal Hydride (NiMH)

Designation: ANSI-1.2H1 **Nominal Voltage:** 1.2 Volts

Rated Capacity: 700 mAh* at 21°C (70°F)
Typical Weight: 12.0 grams (0.4 oz.)

Typical Volume: 3.8 cubic centimeters (0.2 cubic inch)

Terminals: Flat Contact Jacket: Plastic

* Based on 140 mA (0.2C rate) continuous discharge to 1.0 volts.

Internal Resistance:

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

Cell Charged 100 milliohms Cell 1/2 Discharged 120 milliohms

(tolerance of ±20% applies to above values)

AC Impedance (no load):

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

Frequency (Hz)

Impedance (milliohms)

1000

(charged cell) 35

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

Operating and Storage Temperatures:

To maintain maximum performance, observe the following general guidelines regarding environmental conditions:

Charge: 0°C to 40°C (32°F to 104°F)
Discharge: 0°C to 50°C (32°F to 122°F)
Storage: -20°C to 30°C (-4°F to 86°F)

Humidity: 65±20%

NOTE: Operating at extreme temperatures, will significantly impact battery cycle life.

Important Notice

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

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