

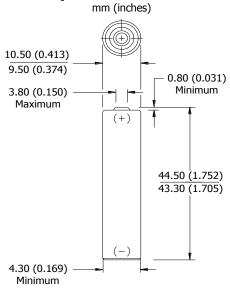
# ENERGIZER NH12-700 (HR03)



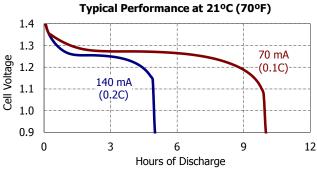


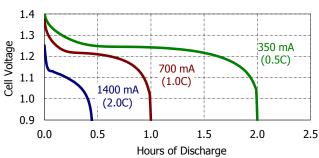
# Energizer +

# **Industry Standard Dimensions**



# **Discharge Characteristics**





## **Specifications**

**Classification:** Rechargeable

Chemical System:Nickel-Metal Hydride (NiMH)Designation:ANSI-1.2H1 IEC- HR03

Nominal Voltage: 1.2 Volts

Rated Capacity: 700 mAh at 21°C (70°F)

Based on 140 mA (0.2C) discharge rate

**Typical Weight:** 11 grams (0.39 oz.)

**Typical Volume:** 3.8 cubic centimeters (0.2 cubic inch)

**Terminals:** Flat Contact **Jacket:** Plastic

#### **Internal Resistance:**

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

Cell Charged
100 milliohms
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) (charged cell)
1000 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.

Contents herein do not constitute a warranty and are for refrence only.

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