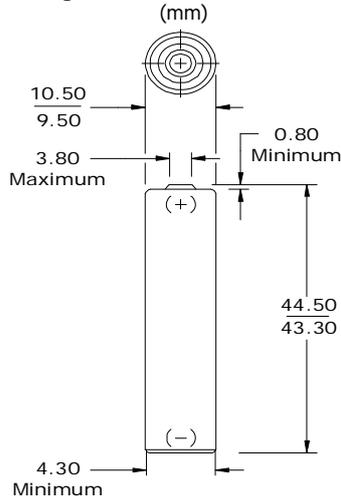


# Rechargeable AAA-800 (HR03)

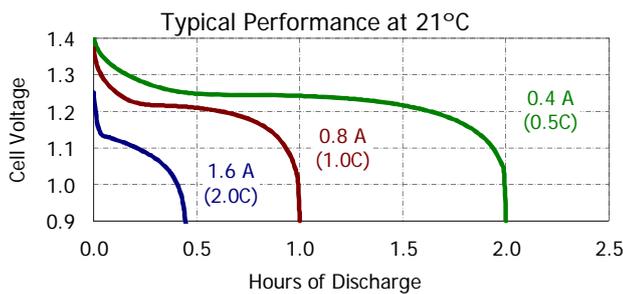
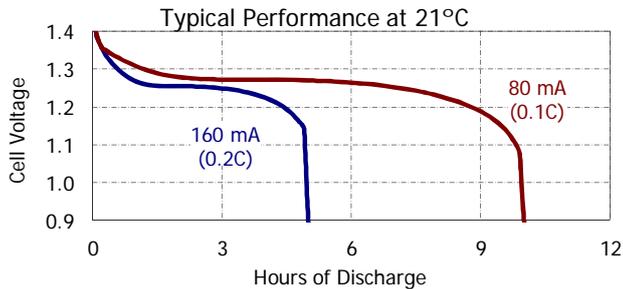
**AAA**



## Industry Standard Dimensions



## Typical Discharge Characteristics



## Specifications

**Classification:** ACCU Rechargeable  
**Chemical System:** Nickel-Metal Hydride (NiMH)  
**Designation:** IEC-HR03  
**Nominal Voltage:** 1.2 Volts  
**Rated Capacity:** 800 mAh (to 1.0 volts)  
 Based on 160 mA (0.2C) discharge rate  
**Typical Weight:** 12.0 grams  
**Typical Volume:** 3.8 cubic centimeters  
**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                               | 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)<br>(Charged Cell) |
|----------------|---|
| 1000           | 35                                      |

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

### Operating and Storage Temperatures:

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

- Charge: 0°C to 40°C
- Discharge: 0°C to 50°C
- Storage: -20°C to 30°C
- Humidity: 65±20%

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

### Important Notice

This datasheet contains information specific to battery chargers manufactured at the time of its publication.  
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