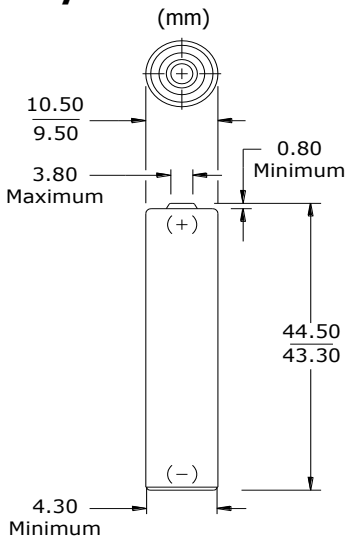
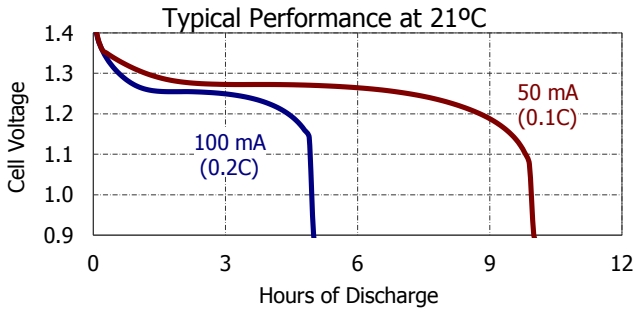
Rechargeable AAA-500 (HR03)

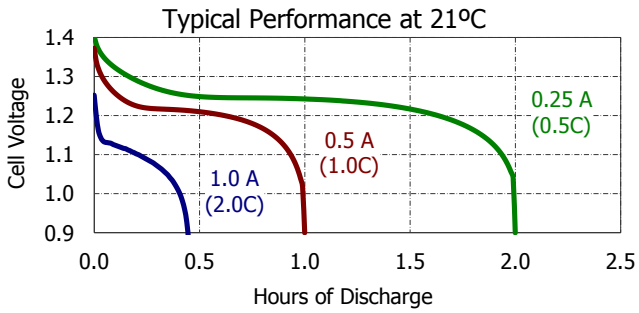
AAA

Industry Standard Dimensions



Typical Discharge Characteristics





Specifications

Classification:	ACCU Recharge
Chemical System:	Nickel-Metal Hydride (NiMH)
Designation:	IEC-HR03
Nominal Voltage:	1.2 Volts
Rated Capacity:	500 mAh (to 1.0 volts) Based on 100 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) (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:	0ºC to 40ºC
Discharge:	0ºC to 50ºC
Storage:	-20ºC to 30ºC
Humidity:	65±20%

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