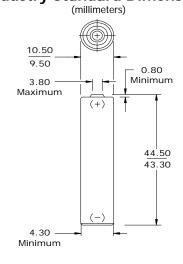


ENERGIZER NH12-700

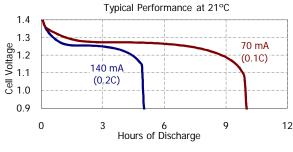


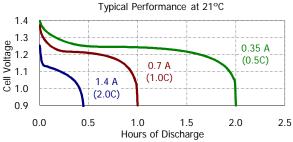


Industry Standard Dimensions



Typical Discharge Characteristics





Specifications

Classification: Rechargeable

Chemical System: Nickel-Metal Hydride (NiMH)

Designation: IEC-HR03 **Nominal Voltage:** 1.2 Volts

Rated Capacity: 700 mAh (to 1.0 volts)

Based on 140 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 ChargedCell 1/2 Discharged100 milliohms120 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.

 $\begin{array}{ccc} \text{Charge:} & 0^\circ\text{C to } 40^\circ\text{C} \\ \text{Discharge:} & 0^\circ\text{C to } 50^\circ\text{C} \\ \text{Storage:} & -20^\circ\text{C to } 30^\circ\text{C} \\ \text{Humidity:} & 65\pm20\% \\ \end{array}$

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

Important Notice

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

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