

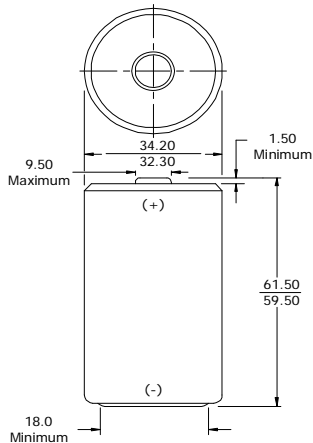
ENERGIZER NH50-2500

**D**



Industry Standard Dimensions

(millimeters)



Specifications

**Classification:** Rechargeable  
**Chemical System:** Nickel-Metal Hydride (NiMH)  
**Designation:** IEC-HR20  
**Nominal Voltage:** 1.2 Volts  
**Rated Capacity:** 2500 mAh (to 1.0 volts)  
 Based on 500 mA (0.2C) discharge rate  
**Typical Weight:** 73.0 grams  
**Typical Volume:** 56.5 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
11 milliohms	21 milliohms
(tolerance of ±20% applies to above values)	

AC Impedance (No Load):

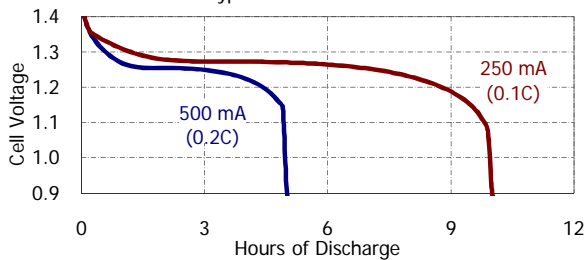
The impedance of the charged cell varies with frequency, as follows:

Frequency (Hz)	Impedance (milliohms) (Charged Cell)
1000	9

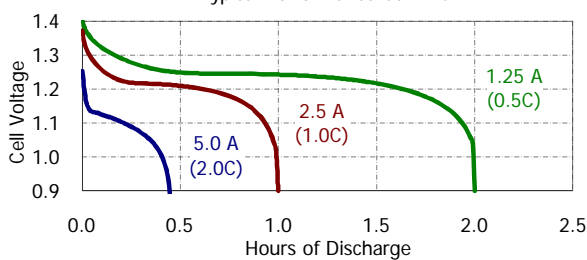
Above values based on AC current set at 1.0 ampere. Value tolerances are ±20%.

Typical Discharge Characteristics

Typical Performance at 21°C



Typical Performance at 21°C



Important Notice

This datasheet contains typical information specific to products manufactured at the time of its publication.  
 ©Energizer Holdings, Inc. - Contents herein do not constitute a warranty.