

# ENERGIZER NH15-2000 (HR6)

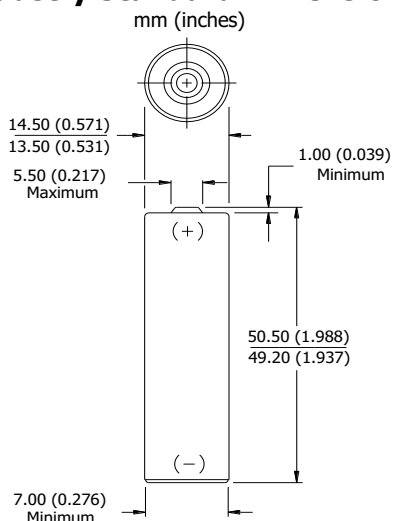
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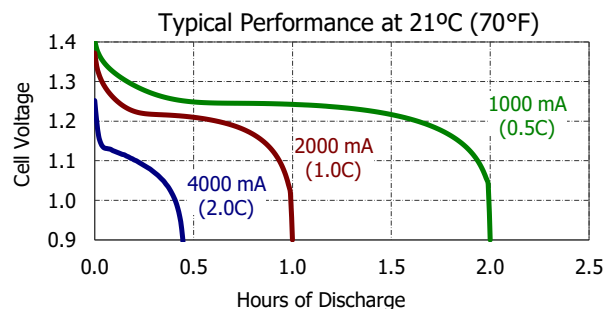
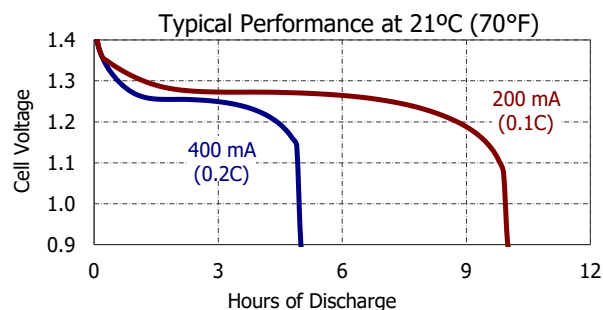
## General Information

|                         |                                                                  |
|-------------------------|------------------------------------------------------------------|
| <b>Classification:</b>  | Rechargeable                                                     |
| <b>Chemical System:</b> | Nickel-Metal Hydride (NiMH)                                      |
| <b>Designation:</b>     | ANSI-1.2H2 IEC-HR6                                               |
| <b>Nominal Voltage:</b> | 1.2 Volts                                                        |
| <b>Rated Capacity:</b>  | 2000 mAh (to 1.0 volts)<br>Based on 400 mA (0.2C) discharge rate |
| <b>Typical Weight:</b>  | 25 grams (0.88 oz.)                                              |
| <b>Typical Volume:</b>  | 8.3 cubic centimeters                                            |
| <b>Jacket:</b>          | Plastic Label                                                    |

## Industry Standard Dimensions



## Typical Discharge Characteristics



## Internal Resistance:

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

| Cell Charged                                      | Cell 1/2 Discharged |
|---------------------------------------------------|---------------------|
| 30 milliohms                                      | 40 milliohms        |
| (tolerance of $\pm 20\%$ 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           | 12                                      |

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   |
| Discharge: | 0°C to 50°C   |
| Storage:   | -20°C to 30°C |
| Humidity:  | 65 $\pm$ 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.  
**Contents herein do not constitute a warranty and are for reference only**