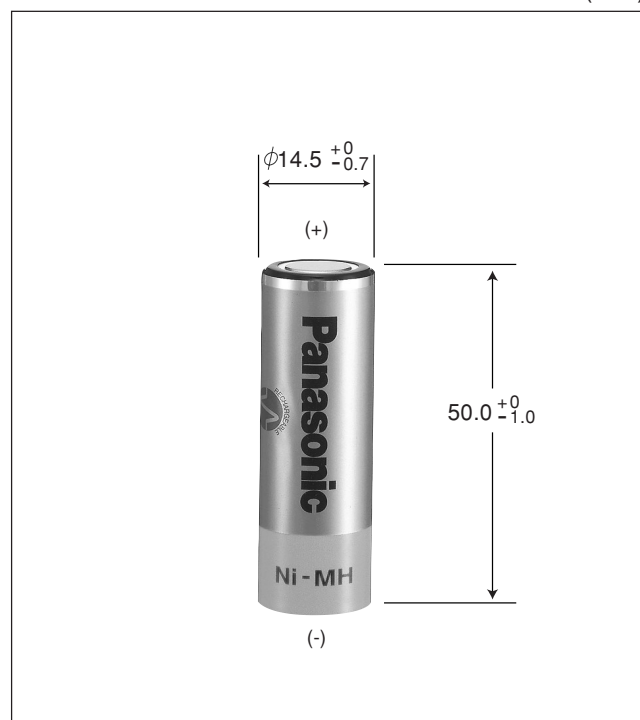


# HHR110AAO

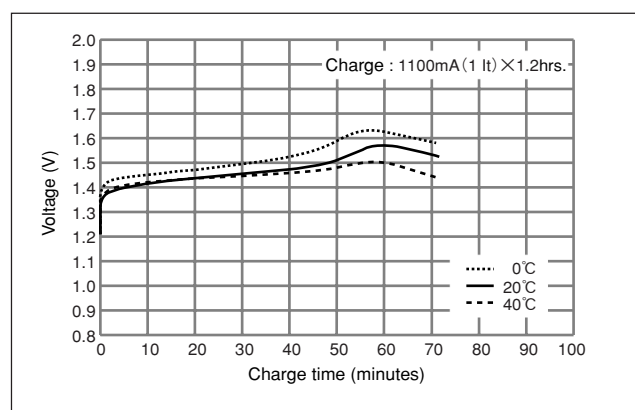
Cylindrical AA size (HR15/51) for back up use

**N** type

## ■ Dimensions (with tube) (mm)



## ■ Typical charge characteristics



## ■ Specifications

|                    |                 |
|--------------------|-----------------|
| Diameter           | 14.5+0 / -0.7mm |
| Height             | 50.0+0 / -1.0mm |
| Approximate Weight | 26g             |

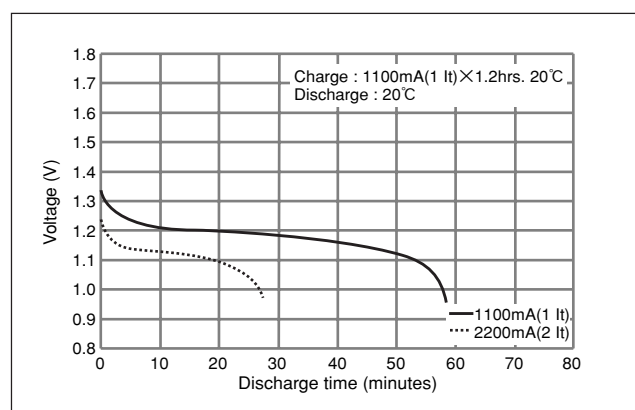
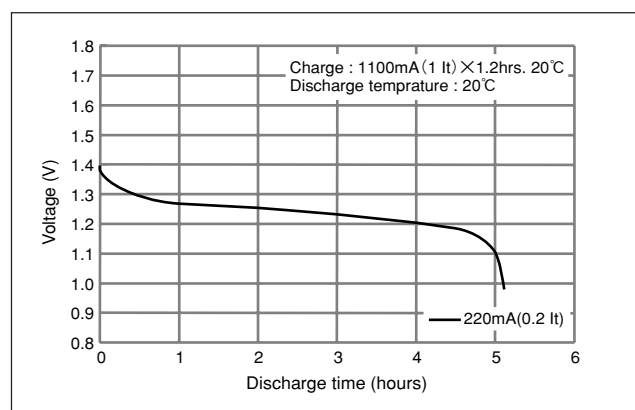
|                                                        |                       |                      |
|--------------------------------------------------------|-----------------------|----------------------|
| Nominal Voltage                                        |                       | 1.2V                 |
| Discharge Capacity <sup>*1</sup>                       | Average <sup>*2</sup> | 1180mAh              |
|                                                        | Rated (min.)          | 1100mAh              |
| Approx. Internal impedance at 1000Hz at charged state. |                       | 16m $\Omega$         |
| Charge                                                 | Standard              | 110mA X 16hrs.       |
|                                                        | Rapid                 | 1100mA X 1.2hrs.     |
| Ambient Temperature                                    | Charge                | Standard 0°C to 45°C |
|                                                        | Charge                | Rapid 0°C to 40°C    |
|                                                        | Discharge             | -10°C to 65°C        |
|                                                        | Storage               | -20°C to 55°C        |
| Storage                                                | <1 year               | -20°C to 35°C        |
|                                                        | <3 months             | -20°C to 45°C        |
|                                                        | <1 month              | -20°C to 55°C        |

\*1 After charging at 0.1It for 16 hours, discharging at 0.2It.

\*2 For reference only.

Battery performance and cycle life are strongly affected by how they are used. In order to maximize battery safety, please consult Panasonic when determining charge/discharge specs, warning label contents and unit design.

## ■ Typical discharge characteristics



\*The data in this document are for descriptive purposes only and are not intended to make or imply any guarantee or warranty.