

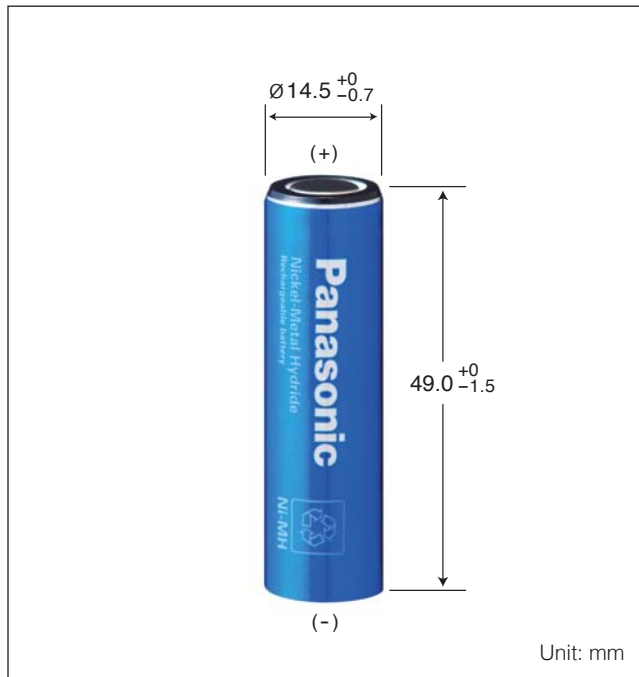
New  
**BK70AAH**  
AA size (HR 15/49)

Old  
(HHR70AAH)

High temperature & long life type



**Dimensions (with tube)**



Unit: mm

**Specifications**

|                    |                   |
|--------------------|-------------------|
| Diameter           | 14.5 +0 / -0.7 mm |
| Height             | 49.0 +0 / -1.5 mm |
| Approximate Weight | 18 g              |

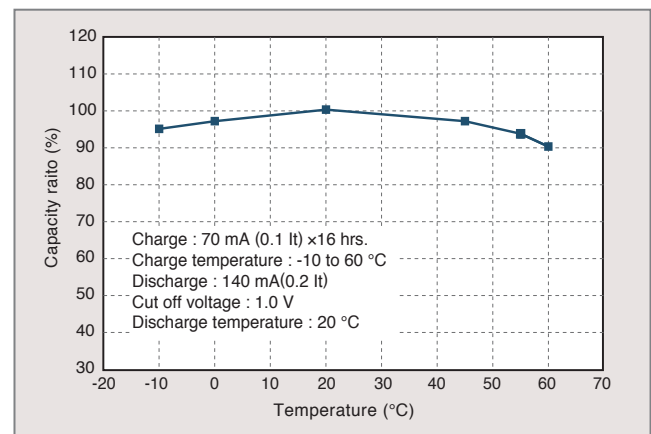
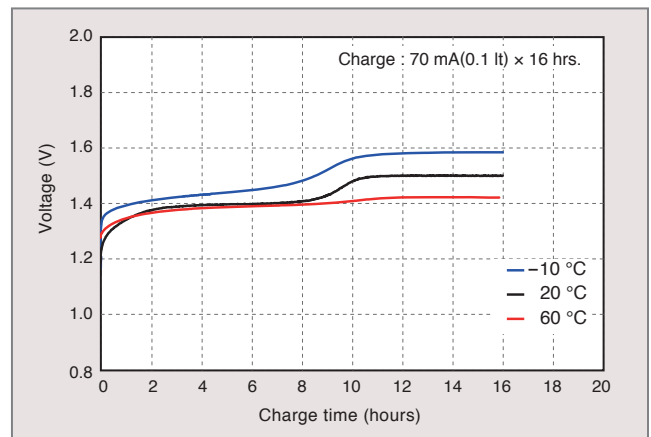
|  |                       |                                    |                 |
|--|-----------------------|------------------------------------|-----------------|
| Nominal Voltage  |                       | 1.2V                               |                 |
| Discharge <sup>*1</sup><br>Capacity                    | Average <sup>*2</sup> | 750 mAh                            |                 |
|  | Rated (min.)          | 700 mAh                            |                 |
| Approx. Internal impedance at 1000Hz at charged state. |                       | 25 mΩ                              |                 |
| Charge   | Standard              | 70 mA X 16 hrs.                    |                 |
|  | Rapid <sup>*3</sup>   | 350 mA X 2.4 hrs.                  |                 |
|  | Low rate              | 35 mA X 32 hrs.<br>23 mA X 48 hrs. |                 |
| Ambient Temperature                                    | Charge                | Standard                           | -10 °C to 60 °C |
|  |                       | Low rate                           |                 |
|  |                       | Rapid                              |                 |
| Discharge  |                       | -10 °C to 60 °C                    |                 |
| Storage  | <1 year               | -20 °C to 35 °C                    |                 |
|  | <6 months             | -20 °C to 45 °C                    |                 |
|  | <1 month              | -20 °C to 55 °C                    |                 |
|  | <1 week               | -20 °C to 65 °C                    |                 |

\*1 After charging at 0.1 It for 16 hours, discharging at 0.2 It.  
\*2 For reference only.  
\*3 Need specially designed control system. Please contact Panasonic for details.

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.

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

**Typical charge characteristics**



**Typical discharge characteristics**

