

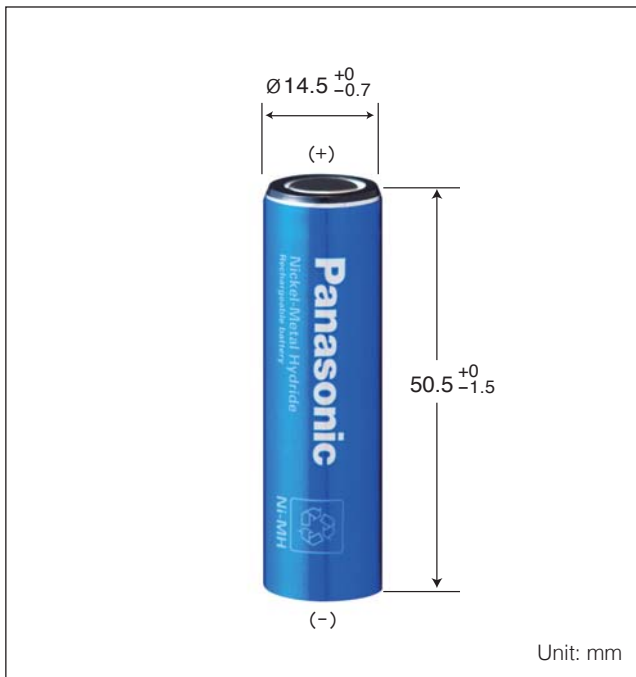
New
BK110AAO
AA size (HR15/51)

Old
(HHR110AAO)

Standard type



Dimensions (with tube)



Unit: mm

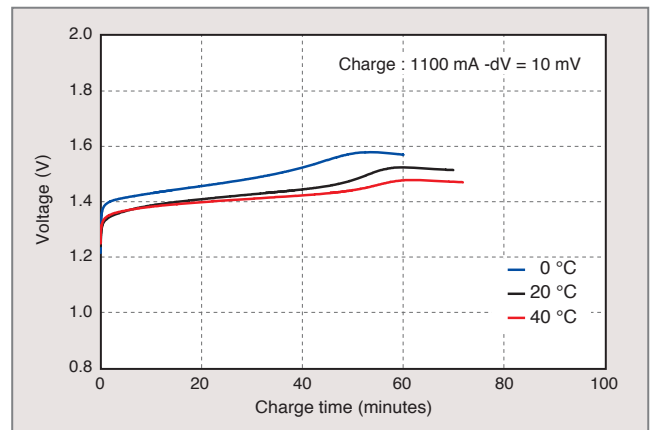
Specifications

| | |
|--------------------|-------------------|
| Diameter | 14.5 +0 / -0.7 mm |
| Height | 50.5 +0 / -1.5 mm |
| Approximate Weight | 26 g |

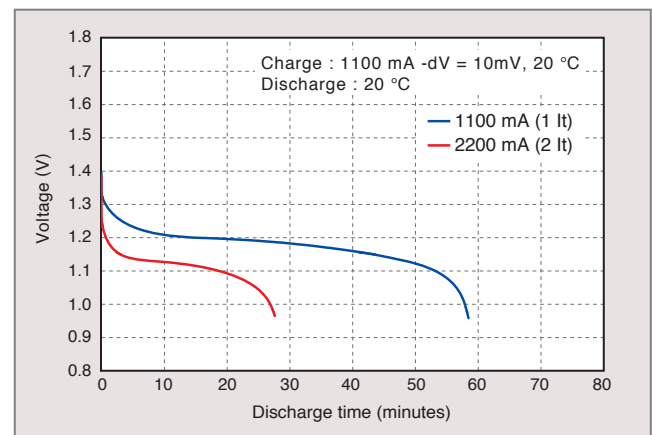
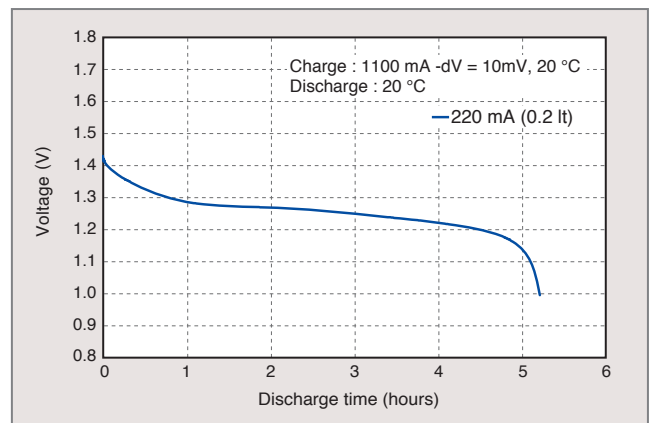
| | | | |
|--|-----------------------|--------------------|-----------------|
| Nominal Voltage | | 1.2 V | |
| Discharge Capacity | Average ^{*1} | 1180 mAh | |
| | Rated (min.) | 1100 mAh | |
| Approx. Internal impedance at 1000Hz at charged state. | | 16 mΩ | |
| Charge | Standard | 110 mA X 16 hrs. | |
| | Rapid ^{*3} | 1100 mA X 1.2 hrs. | |
| Ambient Temperature | Charge | Standard | 0 °C to 45 °C |
| | | Rapid | 0 °C to 40 °C |
| | Discharge | | -10 °C to 65 °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.

Typical charge characteristics



Typical discharge characteristics



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.