

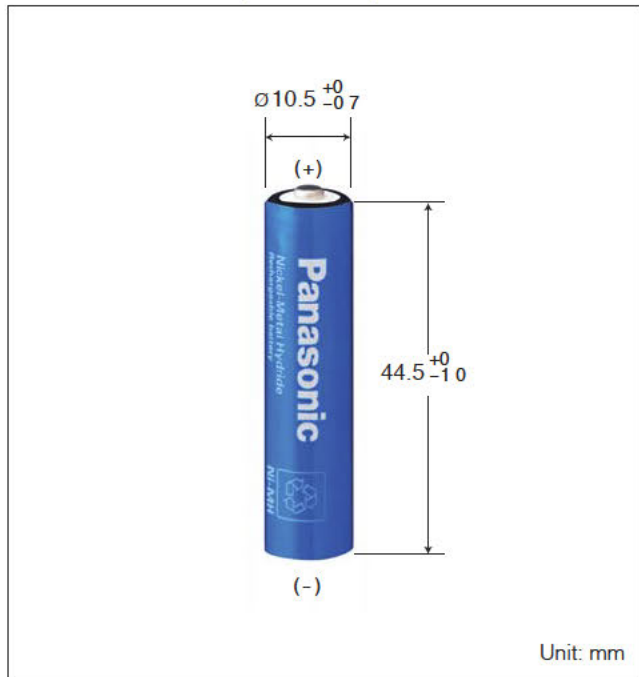
New  
**BK80AAAB**  
AAA size(HR11/45)

Old  
(HHR80AAAB)

Button top type

**B** type

■ Dimensions (with tube)

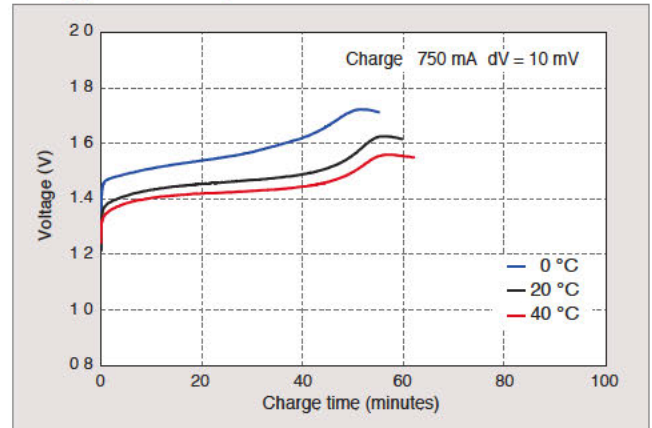


■ Specifications

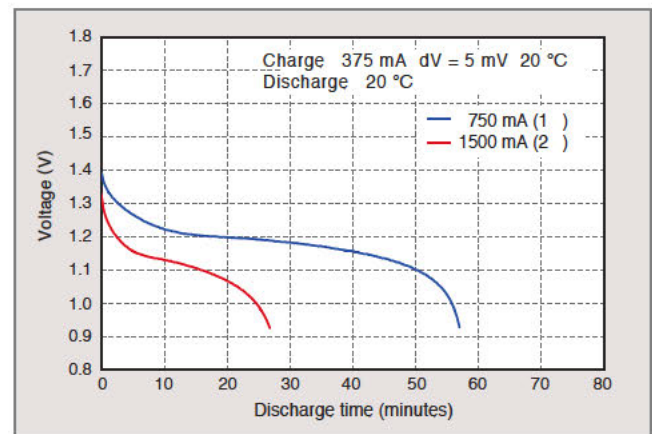
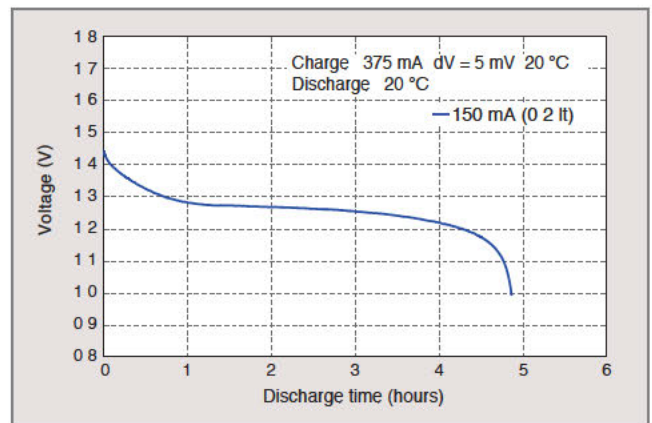
Diameter		10.5 +0 / -0.7 mm
Height		44.5 +0 / -1.0 mm
Approximate Weight		13 g
Nominal Voltage		1.2 V
Discharge <sup>*1</sup> Capacity	Average <sup>*2</sup>	780 mAh
	Rated (min.)	750 mAh
Approx. Internal impedance at 1000Hz at charged state.		30 mΩ
Charge	Standard	75 mA X 16 hrs.
	Rapid <sup>*3</sup>	750 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 I for 16 hours discharging at 0.2 I  
\*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.