

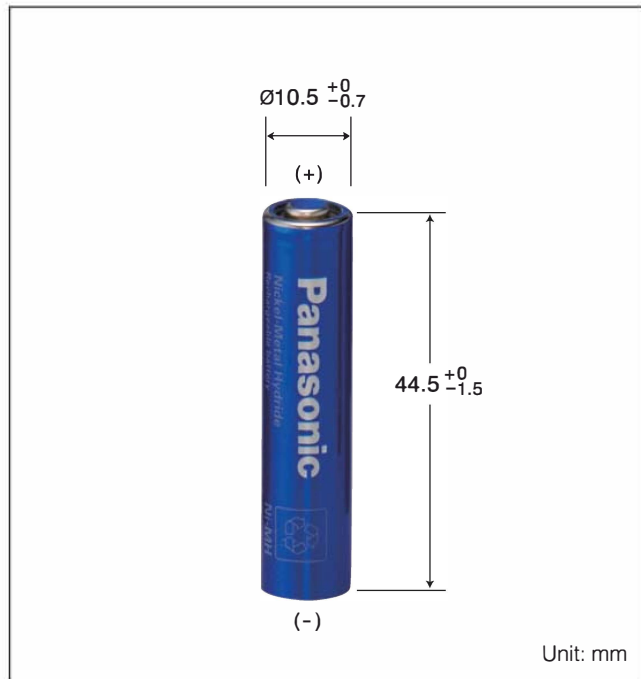
# HHR-70AAA

AAA size(HR11/45)

Standard type

N type

## ■ Dimensions (with tube)



## ■ Specifications

Diameter	10.5 +0 / -0.7 mm
Height	44.5 +0 / -1.5 mm
Approximate Weight	12 g

Nominal Voltage	1.2 V	
Discharge Capacity	Average <sup>*1</sup>	730 mAh
	Rated (min.) <sup>*2</sup>	700 mAh
Approx. Internal impedance at 1000Hz at charged state.		35 mΩ

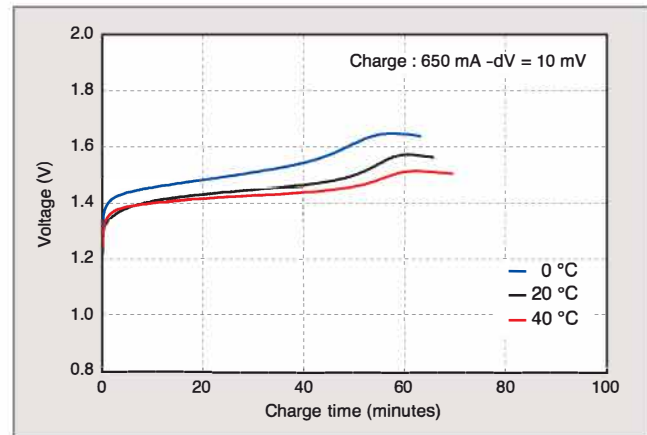
Charge	Standard	70 mA X 16 hrs.
	Rapid <sup>*3</sup>	650 mA X 1.2 hrs.
Ambient Temperature	Charge	Standard: 0 °C to 45 °C Rapid: 0 °C to 40 °C
	Discharge	-10 °C to 65 °C
Storage	<1 year	-20 °C to 35 °C
	<6 months	-20 °C to 45 °C
	<1 month	-20 °C to 55 °C
	<1 week	-20 °C to 65 °C

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

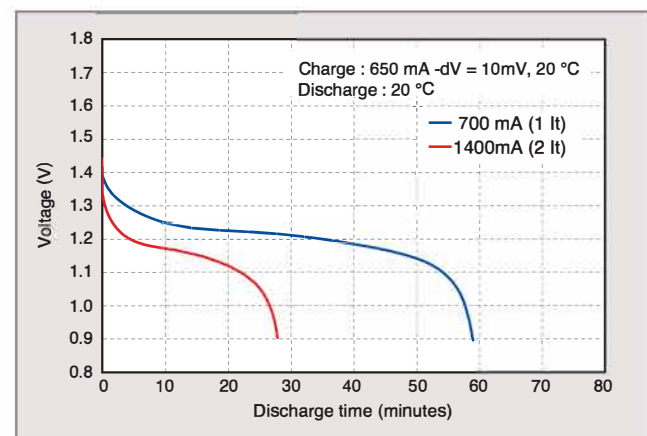
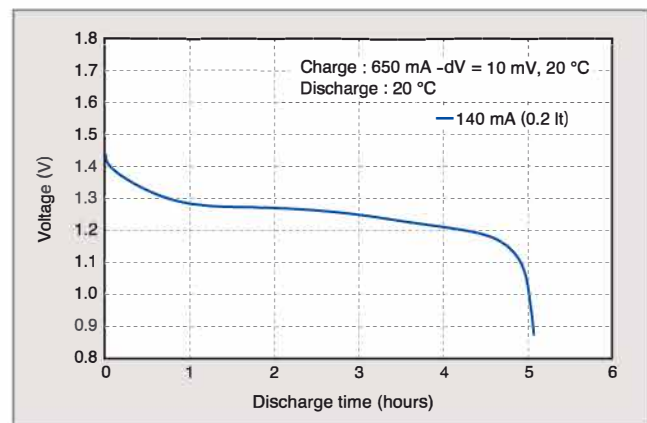
\*2 For reference only.

\*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.