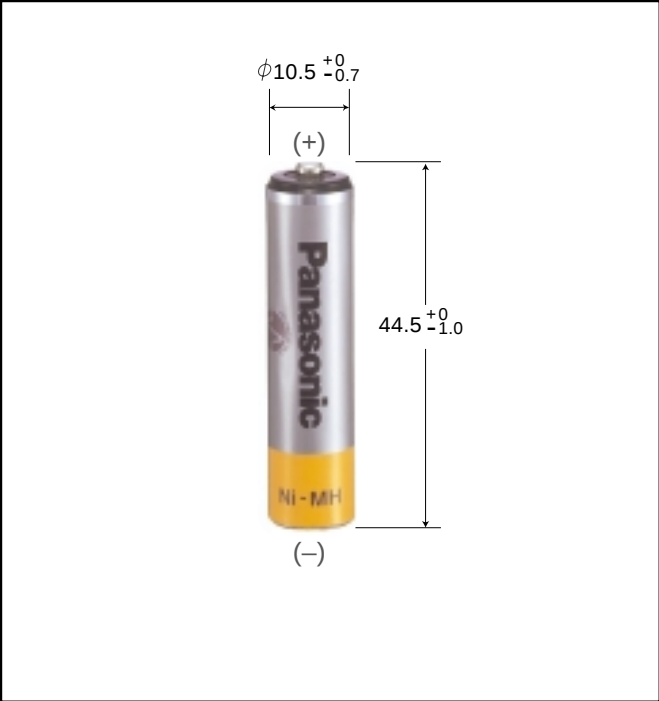


HHR70AAA/B Cylindrical AAA size (HR 11/45)

Dimensions (with Tube) (mm)



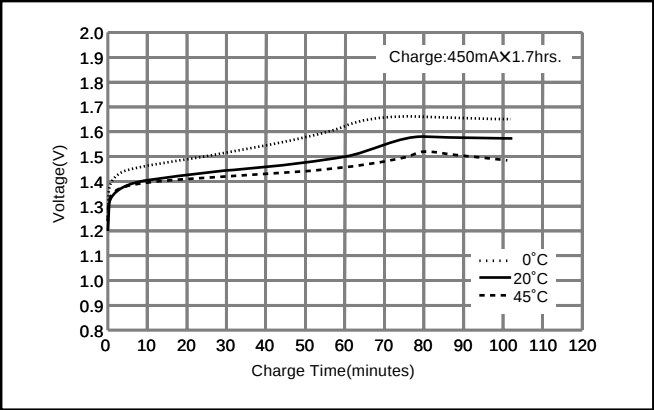
Specifications

Diameter	10.5 +0 / -0.7 mm
Height	44.5 +0 / -1.0 mm
Approximate Weight	12g

Nominal Voltage		1.2V
Discharge Capacity*	Average**	680mAh
	Rated (Min.)	650mAh
Approx. Internal impedance at 1000Hz at charged state.		30mΩ
Ambient Temperature	Charge	Standard 65mA x 16hrs.
		Rapid 450mA x 1.7 hrs.
	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
		< 3 months -20°C to 45°C
		< 1 month -20°C to 55°C

* After charging at 0.1CmA for 16 hours, discharging at 0.2CmA.
** 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 Charge Characteristics



Typical Discharge Characteristics

