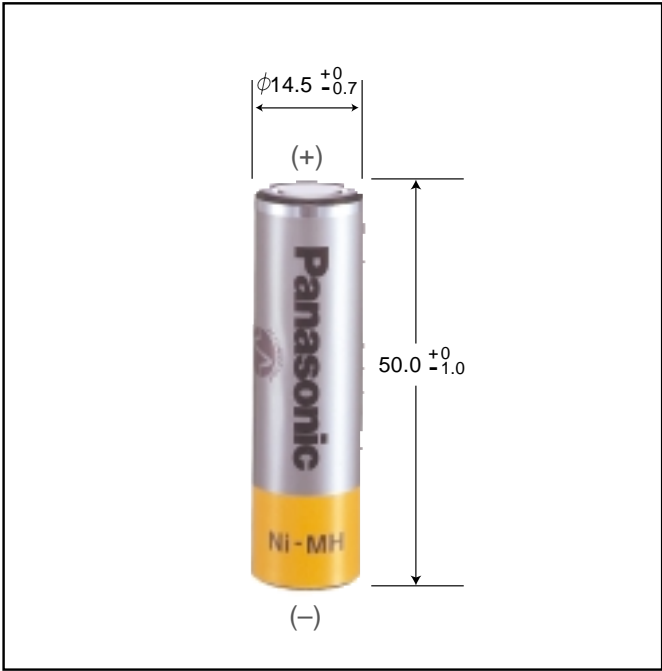


HHR150AA Cylindrical AA size (HR 15/51)

Dimensions (with Tube) (mm)



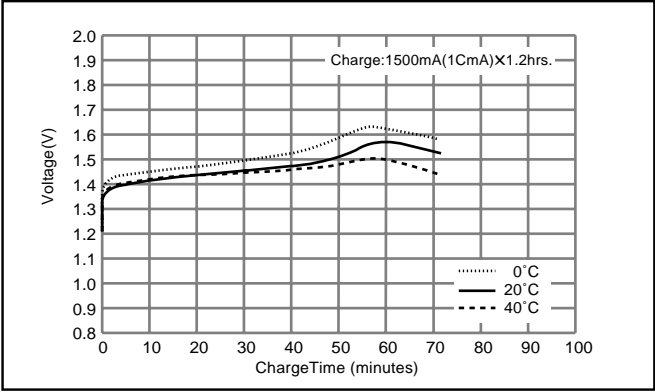
Specifications

Diameter	14.5 +0 / -0.7 mm
Height	50.0 +0 / -1.0 mm
Approximate Weight	26g

Nominal Voltage		1.2V
Discharge Capacity*	Average**	1580mAh
	Rated (Min.)	1500mAh
Approx. Internal impedance at 1000Hz at charged state.		23mΩ
Ambient Temperature	Charge	
	Standard	150mA x 16hrs.
	Rapid	1500mA x 1.2hrs.
	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	
Storage	< 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

