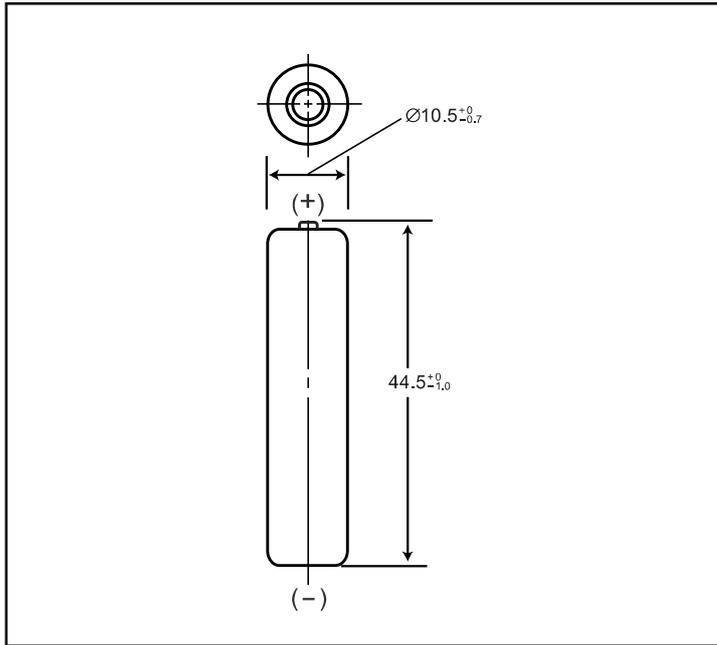


# NICKEL METAL HYDRIDE BATTERIES: INDIVIDUAL DATA SHEET

## HHR75AAA/B Cylindrical AAA size (HR 11/45)

### Dimensions (with Tube) (mm)



### Specifications

	mm	inch
Diameter	10.5+0/-0.7	0.41+0/-0.03
Height	44.5+0/-1.0	1.75+0/-0.04
Approximate Weight	Grams	Ounces
	12	0.42

Nominal Voltage		1.2V		
Discharge Capacity*	Average**	730 mAh		
	Rated (Min.)	700 mAh		
Approx. Internal impedance at 1000Hz at charged state.		35mΩ		
Charge	Standard	70mA x 16hrs.		
	Rapid	450mA x 1.7 hrs.		
Ambient Temperature	Charge	Standard	°C	
			°F	
	Rapid	0°C to 45°C	32°F to 113°F	
		0°C to 40°C	32°F to 104°F	
Discharge	-10°C to 65°C		14°F to 149°F	
	Storage	< 1 year	-20°C to 35°C	-4°F to 95°F
		< 3 months	-20°C to 45°C	-4°F to 113°F
< 1 month		-20°C to 55°C	-4°F to 131°F	

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

\*\* For reference only.

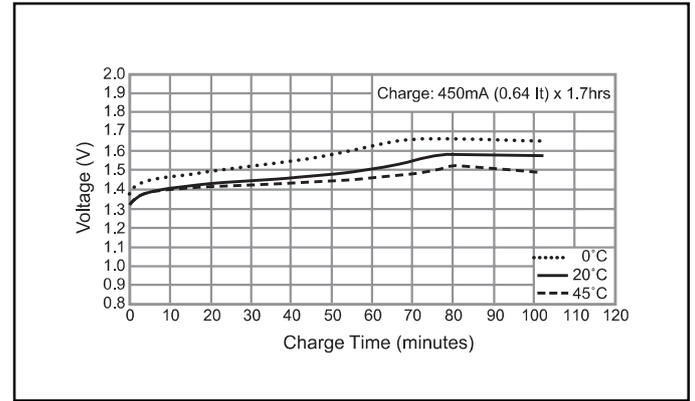
Battery performance and cycle life are strongly affected by how they are used. In order to maximize battery safety, please consult Panasonic when determining charge / discharge specs, warning label contents and unit design.

**Note:** [It] was previously expressed as [C]. [It] is an IEC standard expression for the amount of charge or discharge current and is expressed as:

$$It(A) = Cn (Ah)/1h.$$

- [It] is the reference test current in amperes
- [Cn] is the rated capacity of the cell or battery in Ampere-hours.
- n = the time base [hours] for which the rated capacity is declared

### Typical Charge Characteristics



### Typical Discharge Characteristics

