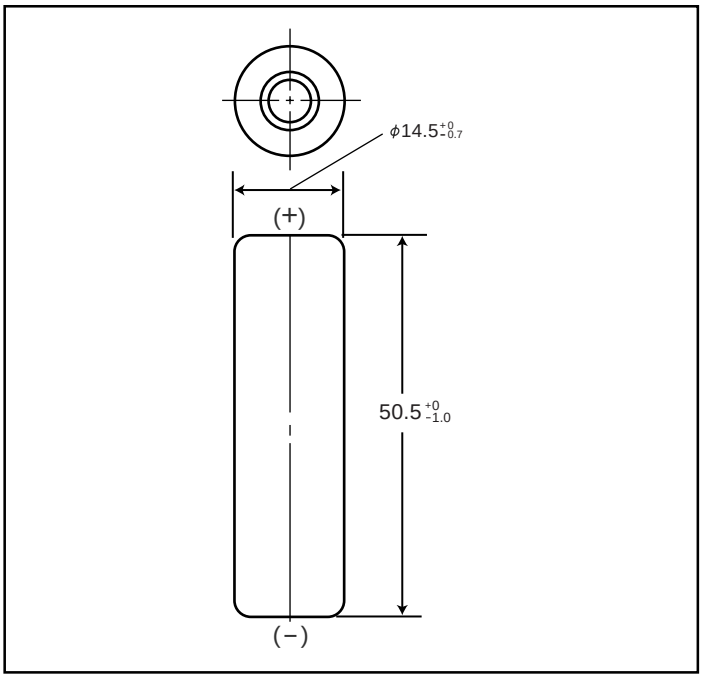
HHR150AA Cylindrical AA size (HR 15/51)

Dimensions (with Tube) (mm)



Specifications

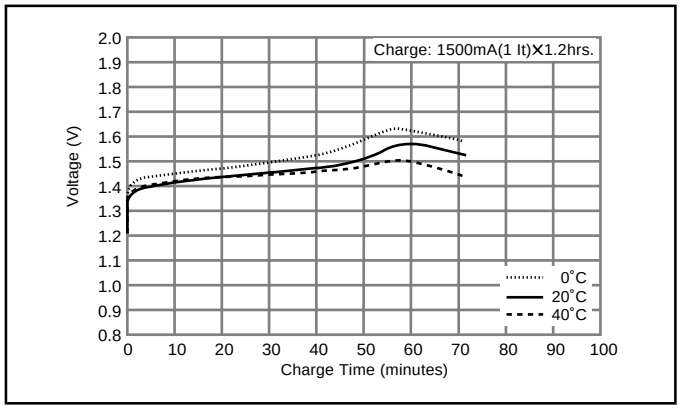
	mm	inch
Diameter	14.5+0/-0.7	0.57+0/-0.03
Height	50.0+0/-1.0	1.97+0/-0.06
Approximate Weight	**Grams**	**Ounces**
	26	0.92

Nominal Voltage			1.2V	
Discharge Capacity*		**Average****	1580 mAh	
		Rated (Min.)	1500 mAh	
Approx. Internal impedance at 1000Hz at charged state.			20mΩ	
Charge		**Standard**	150mA (0.1It) x 16hrs.	
		Rapid	1500mA (1It) x 1.2 hrs.	
Ambient Temperature			**°C**	**°F**
	Charge	**Standard**	0°C to 45°C	32°F to 113°F
		Rapid	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 ampres
- [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