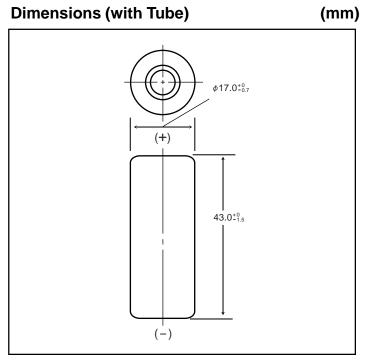
# HHR200A Cylindrical 4/5A size (HR 17/43)



### **Specifications**

	mm	inch
Diameter	17.0+0/-0.7	0.67+0/-0.03
Height	43.0+0/-1.5	1.69+0/-0.06
Approximate	Grams	Ounces
Weight	32	1.13

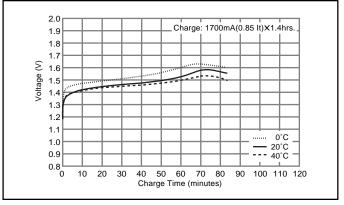
Nominal Voltage			1.2V	
Discharge Capacity*		Average**	2040 mAh	
		Rated (Min.)	2000 mAh	
Approx. Internal impedance at 1000Hz at charged state.		20mΩ		
Charge Standard Rapid		Standard	200mA (0.1lt) x 16hrs.	
		Rapid	2000mA (1lt) x 1.2 hrs.	
nt ture	Charge	Standard	°C	°F
			0°C to 45°C	32°F to 113°F
		Rapid	0°C to 40°C	32°F to 104°F
Ambient mperatu	Discharge		-10°C to 65°C	14°F to 149°F
Ambient Temperature	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 0.1lt for 16 hours, discharging at 0.2lt. \*\* For reference only.

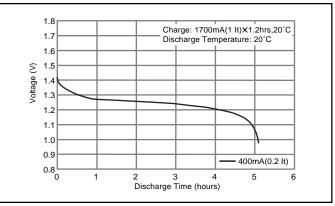
Battery performance and cycle life are strongly affected by how they are used. In order to maximize battery safety, please consult Panasonic when determining charge / discharge specs, warning label contents and unit design.

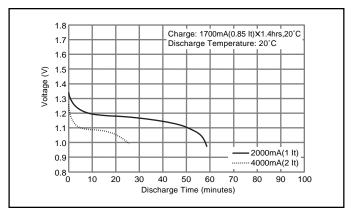
- Note: [It] was previously expressed as [C]. [It] is an IEC standard expression for the amount of charge or discharge current and is expressed as: It(A) = Cn (Ah)/1h.
  - [It] is the reference test current in ampres
  - [Cn] is the rated capacity of the cell or battery in Ampere-hours. n = the time base [hours] for which the rated capacity is declared

## **Typical Charge Characteristics**



## **Typical Discharge Characteristics**





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This information is generally descriptive only and is not intended to make or imply any representation, guarantee or warranty with respect to any cells and batteries. Cell and battery designs/specifications are subject to modification without notice. Contact Panasonic for the latest information.