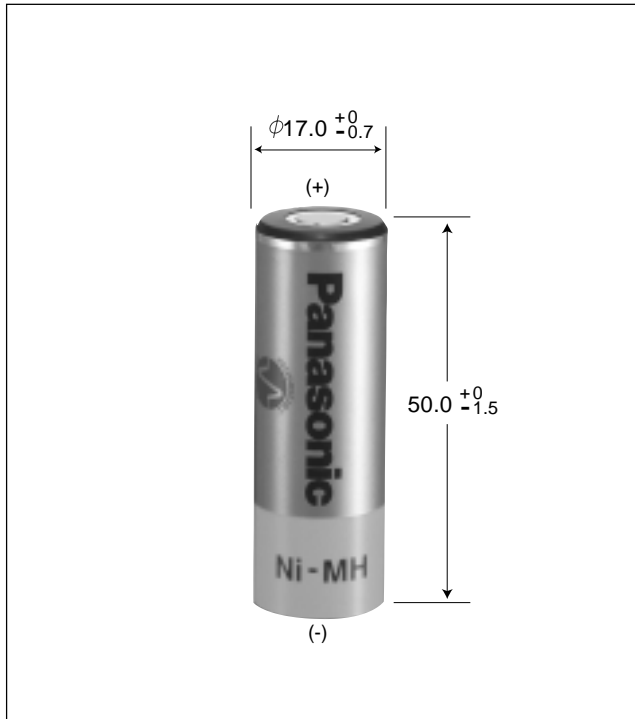
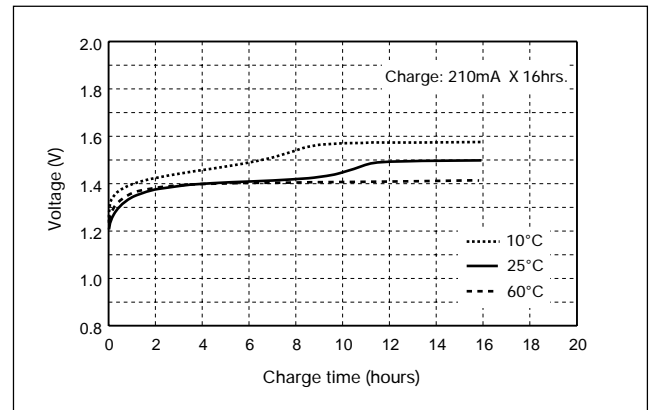


# HHR210AH/FT Cylindrical A size (HR17/50) for back up use

## Dimensions (with tube) (mm)



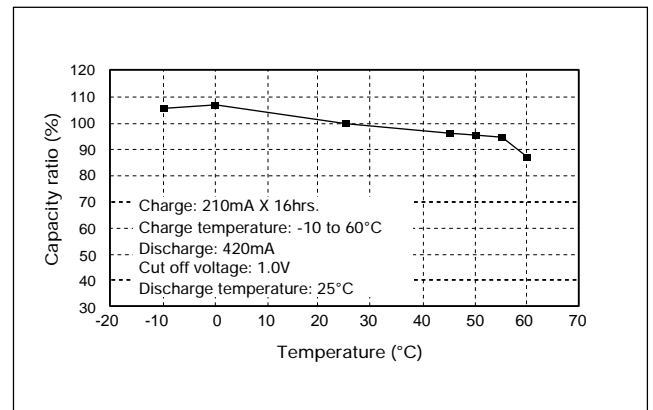
## Typical charge characteristics



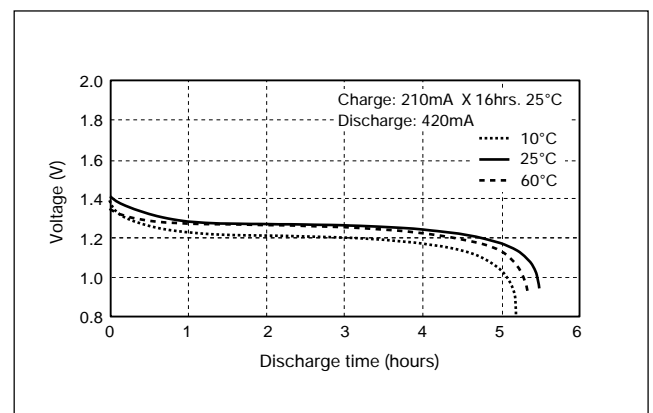
## Specifications

Diameter	17.0+0 / -0.7mm
Height	50.0+0 / -1.5mm
Approximate Weight	36g

Nominal Voltage		1.2V
Discharge Capacity	Average <sup>*1</sup>	2,050mAh
	Rated (min.)	1,900mAh
Approx. Internal impedance at 1000Hz at charged state.		20mΩ
Charge	Standard	210mA X 16hrs.
	Rapid <sup>*3</sup>	1,000mA X 2.3hrs.
	Low rate	105mA X 32hrs. 70mA X 48hrs.
Ambient Temperature	Standard	-10°C to 60°C
	Rapid	-10°C to 60°C
	Low rate	-10°C to 45°C
Discharge		-10°C to 60°C
Storage	<1 year	-20°C to 35°C
	<6 months	-20°C to 45°C
	<1 month	-20°C to 55°C
	<1 week	-20°C to 65°C



## Typical discharge characteristics



\*1 After charging at 0.1It for 16 hours, discharging at 0.2It.

\*2 For reference only.

\*3 Please consult Panasonic for details of dT/dt.

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.

\*The data in this document are for descriptive purposes only and are not intended to make or imply any guarantee or warranty.