

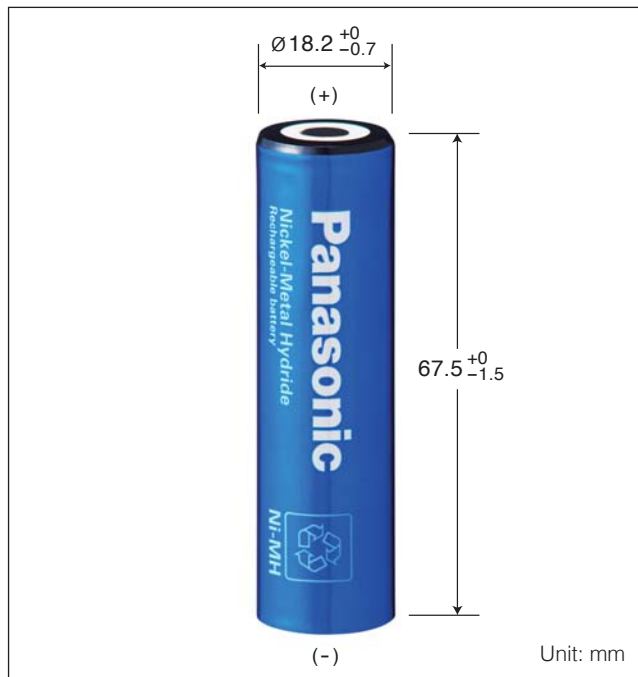
New

BK450A

LFat/A size

Old

(HHR450A)

Standard type**N** type**■ Dimensions (with tube)****■ Specifications**

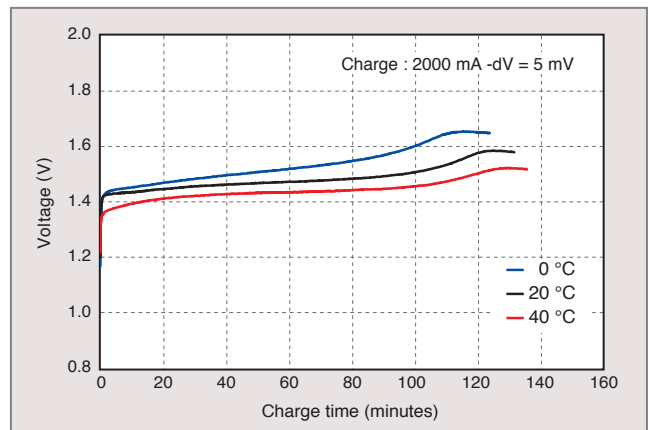
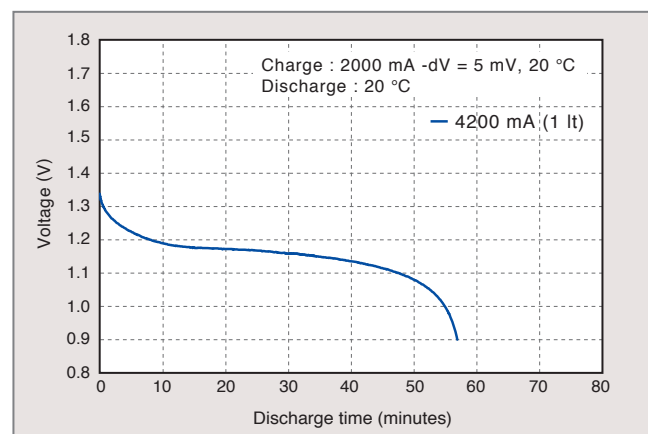
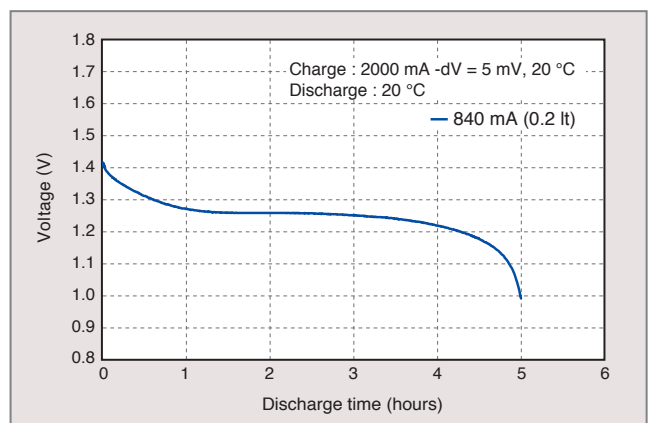
Diameter	18.2 +0 / -0.7 mm
Height	67.5 +0 / -1.5 mm
Approximate Weight	61 g

Nominal Voltage		1.2 V	
Discharge Capacity ^{*1}	Average ^{*2}	4500 mAh	
	Rated (min.)	4200 mAh	
Approx. Internal impedance at 1000Hz at charged state.		25 mΩ	
Charge		Standard	420 mA X 16 hrs.
		Rapid ^{*3}	2000 mA
Ambient Temperature	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
		<6 months	-20 °C to 45 °C
		<1 month	-20 °C to 55 °C
		<1 week	-20 °C to 65 °C

^{*1} After charging at 0.1 It for 16 hours, discharging at 0.2 It.

^{*2} For reference only.

^{*3} Need specially designed control system. Please contact Panasonic for details.

■ Typical charge characteristics**■ Typical discharge characteristics**

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.