

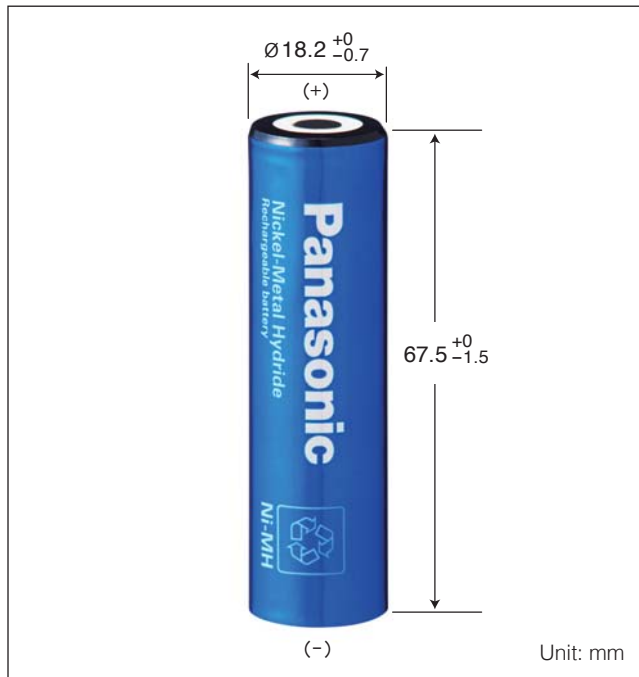
New  
**BK330APH**  
LFat/A size

Old  
(HHR330APH)

High rate discharge & high temperature type

PH type

■ Dimensions (with tube)



■ Specifications

Diameter	18.2 +0 / -0.7 mm
Height	67.5 +0 / -1.5 mm
Approximate Weight	59 g

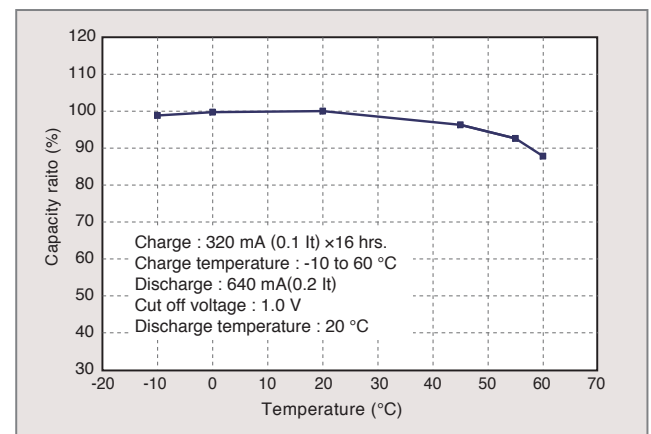
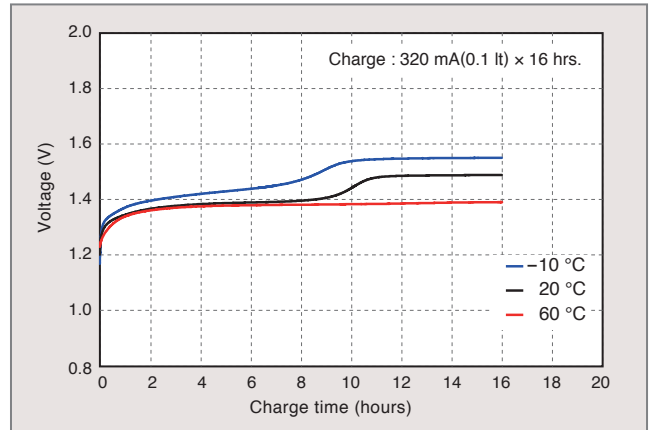
Nominal Voltage		1.2 V	
Discharge <sup>*1</sup> Capacity	Average <sup>*2</sup>	3,300 mAh	
	Rated (min.)	3,200 mAh	
Approx. Internal impedance at 1000Hz at charged state.		5.5 mΩ	
Charge	Standard	320 mA X 16 hrs.	
	Rapid <sup>*3</sup>	1650 mA X 2.4 hrs.	
	Low rate	165 mA X 32 hrs. 110 mA X 48 hrs.	
Ambient Temperature	Charge	Standard	-10 °C to 60 °C
		Low rate	
		Rapid	
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	

\*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.

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.

■ Typical charge characteristics



■ Typical discharge characteristics

