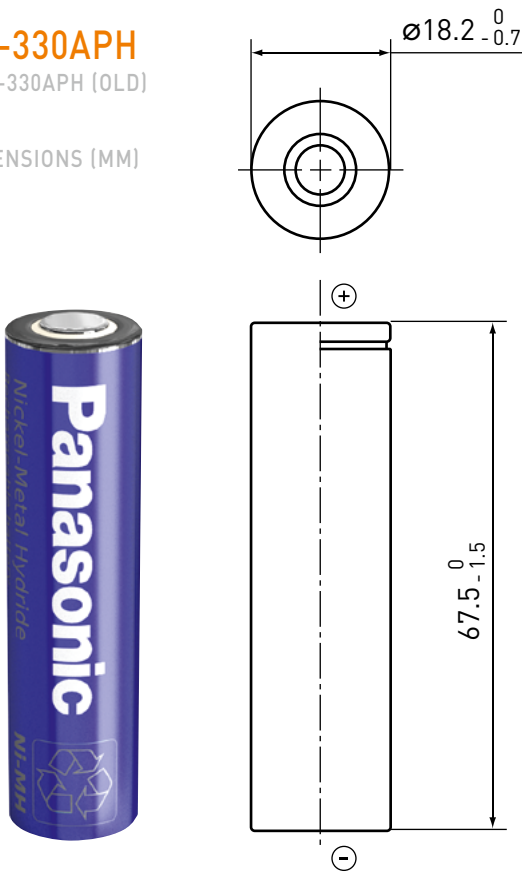


INDIVIDUAL DATA SHEETS

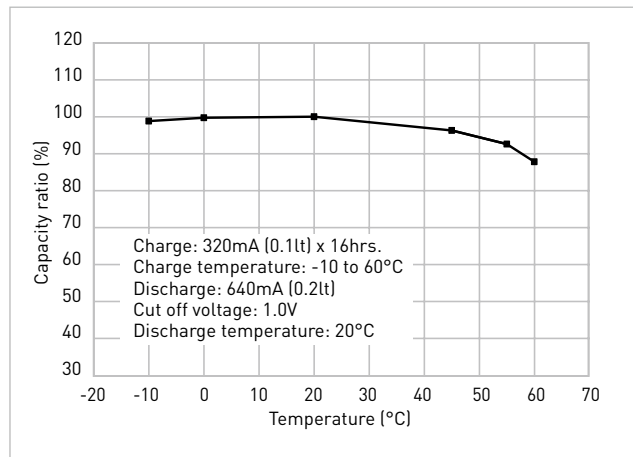
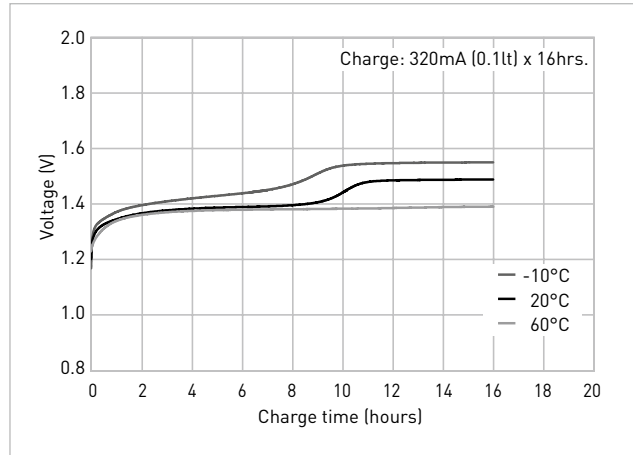
**BK-330APH**  
HHR-330APH (OLD)

DIMENSIONS (MM)



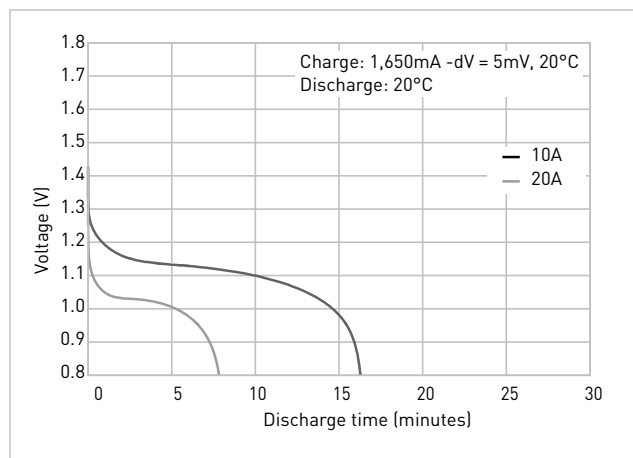
HIGH RATE DISCHARGE & HIGH TEMPERATURE TYPE **PH** TYPE  
LFAT/A SIZE

TYPICAL CHARGE CHARACTERISTICS



Specifications		BK-330APH
Diameter (mm)		18.2 +0/-0.7
Total height (mm)		67.5 +0/-1.5
Approximate weight (g)		60
Nominal voltage (V)		1.2
Discharge capacity*1	Typical capacity*2 (mAh)	3,300
	Nominal capacity*3 (mAh)	3,200
Approx. internal impedance at 1,000Hz at charged state (mΩ)		5.5
Charge	Standard (mA x hrs.)	320 x 16
	Rapid*4 (mA x hrs.)	1,650 x 2.4
	Low rate (mA x hrs.)	165 x 32
Charge (°C)	Standard	-10 to 60
	Rapid	-10 to 45
	Low rate	-10 to 60
Discharge (°C)	Standard	-10 to 60
	Rapid	-10 to 45
	Low rate	-10 to 60
Storage (°C)	<1 year	-20 to 35
	<6 months	-20 to 45
	<1 month	-20 to 55
	<1 week	-20 to 65

TYPICAL DISCHARGE CHARACTERISTICS



\*1 After charging at 0.1It for 16 hours, discharging at 0.2It.  
 \*2 Average capacity (mAh). For reference only.  
 \*3 Rated capacity (mAh).  
 \*4 Need specially designed control system. Please contact Panasonic for details.