

# BK310CHU

Nickel Metal Hydride Battery [U: High temperature & long life]

## Dimensions



## Specifications

Diameter		25.8 +0 / -1.0 mm	
Height		50.0 +0 / -2.0 mm	
Approximate Weight		78g	
Nominal Voltage		1.2V	
Discharge*1	Average*2	3300 mAh	
Capacity	Rated (min.)	3100 mAh	
Approx. Internal Impedance at 1000Hz at charged state.		5 mΩ	
Charge	Standard	310 mA X 16 hrs.	
	Rapid*3	1550 mA X 2.4 hrs.	
	Low rate	155 mA X 32 hrs.	
		103 mA X 48 hrs.	
Ambient Temperature	Charge	Low rate	-20 °C to 75 °C
		Standard	
		Rapid	-20 °C to 60 °C
	Discharge		-20 °C to 75 °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.

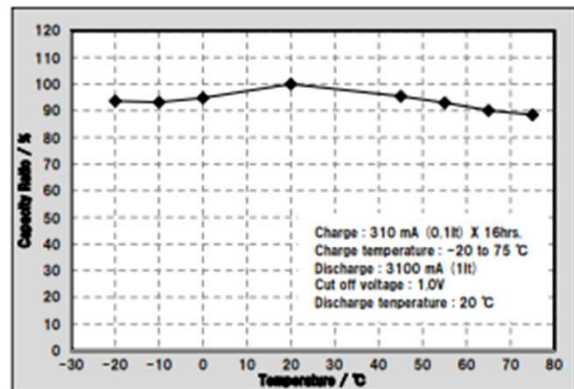
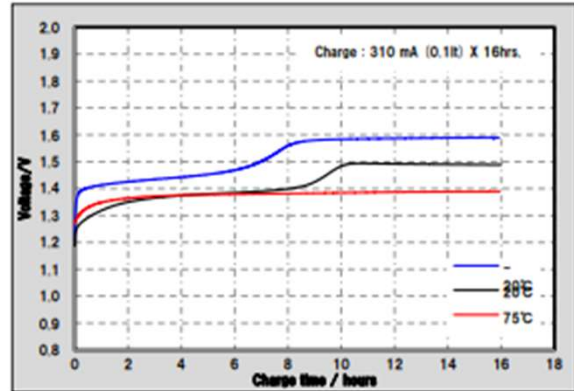
\*2 For reference only.

\*3 Need specially designed control system. Please contact Panasonic Energy for details.

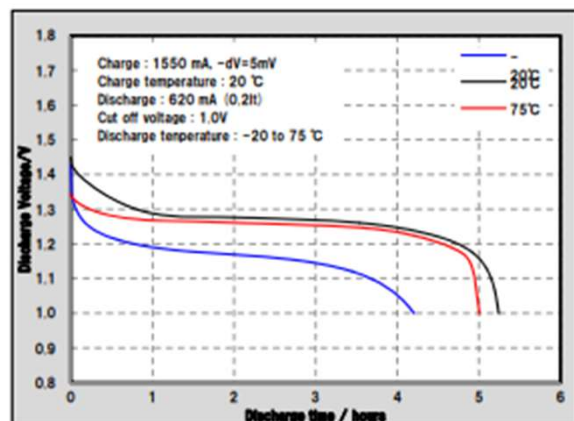
### Attention

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

## Typical charge characteristics



## Typical discharge characteristics



**Panasonic Energy Co., Ltd.**

<https://industrial.panasonic.com/ww/products/pt/nickel-metal>

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