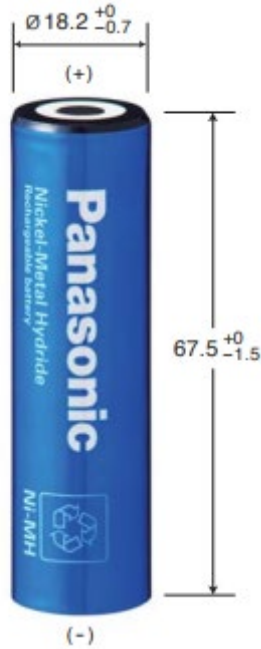


BK330APH

Old Product Number: HHR330APH

Nickel Metal Hydride Battery [PH: High-rate discharge & High temperature]

Dimensions



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 Capacity	Average ^{*1}	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 ^{*3}	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	-10 °C to 60 °C
		Rapid	-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	

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

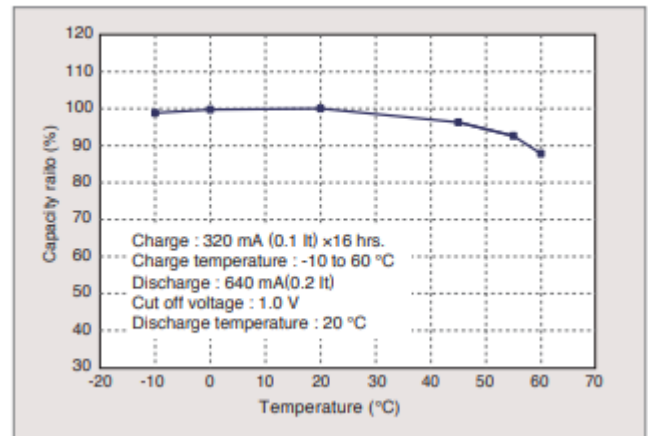
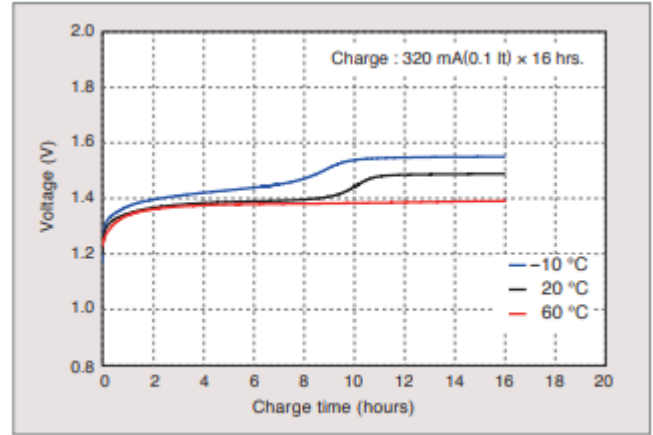
*2 For reference only.

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

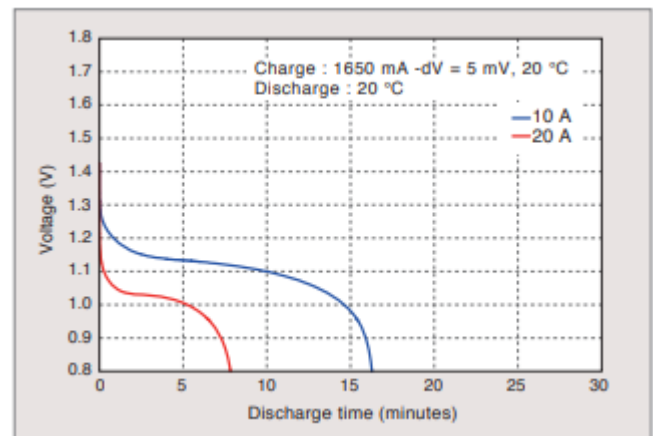
Attention

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.

For more information on how Panasonic can assist you with your battery power solution needs call 877-726-2228, visit www.na.industrial.panasonic.com/products/batteries or e-mail oembatteries@us.panasonic.com.

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