

BK1100FHU

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

Dimensions



Specifications

Diameter		33.0 +0 / -1.0 mm	
Height		91.0 +0 / -2.5 mm	
Approximate Weight		250g	
Nominal Voltage		1.2V	
Discharge*1	Average*2	12000 mAh	
	Capacity Rated (min.)	11000 mAh	
Approx. Internal Impedance at 1000Hz at charged state.		5 mΩ	
Charge	Standard	1100 mA X 16 hrs.	
	Rapid*3	5500 mA X 2.4 hrs.	
	Low rate	550 mA X 32 hrs. 367 mA X 48 hrs.	
Ambient Temperature	Charge	Low rate	-20 °C to 75 °C
		Standard	
	Discharge*4	Rapid	-20 °C to 60 °C
			-20 °C to 85 °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.

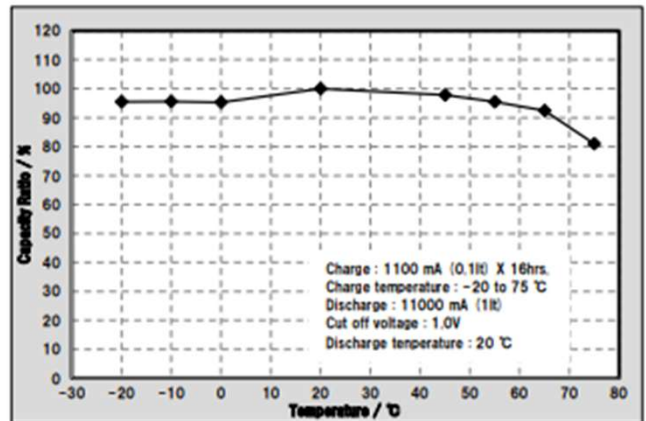
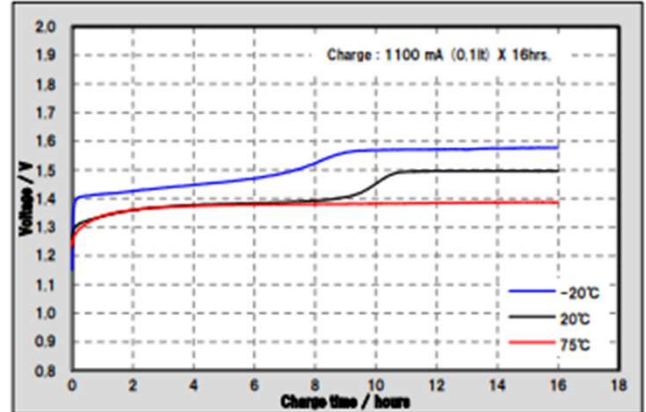
*2 For reference only.

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

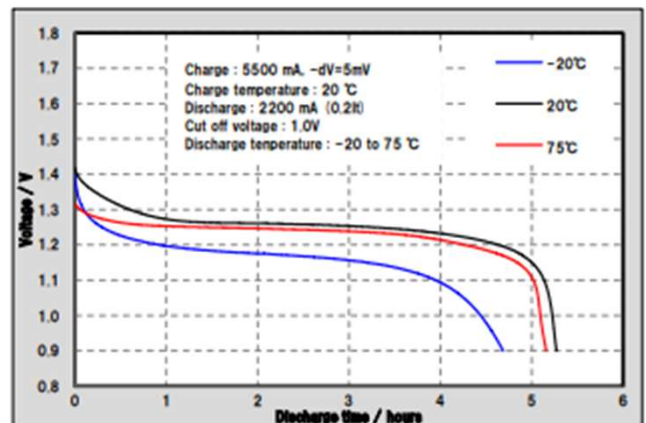
Attention

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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