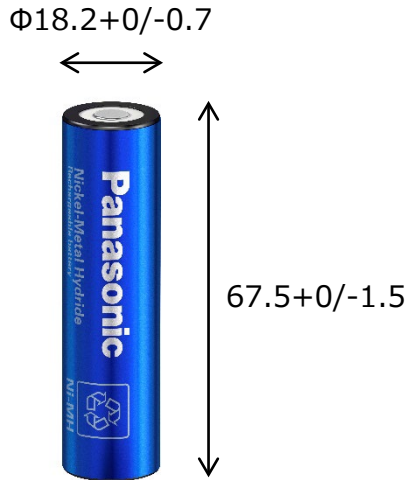


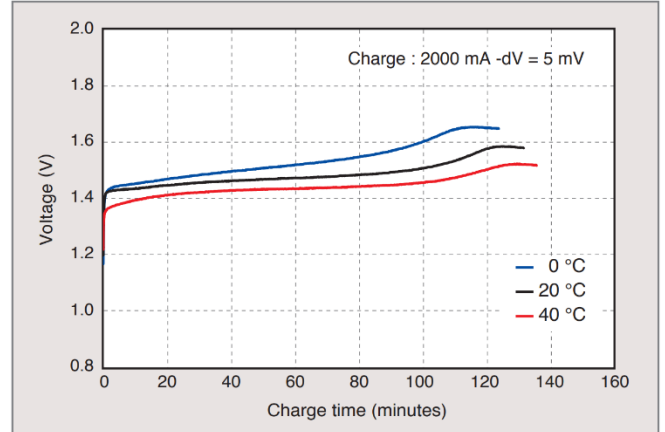
BK450A

Nickel-Metal Hydride Batteries [Standard (N)]

Dimensions



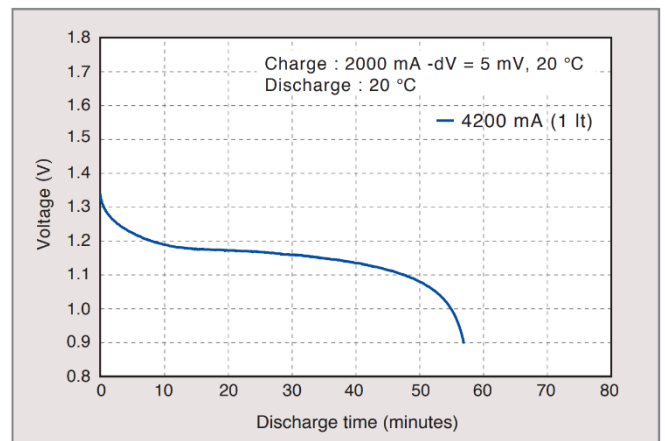
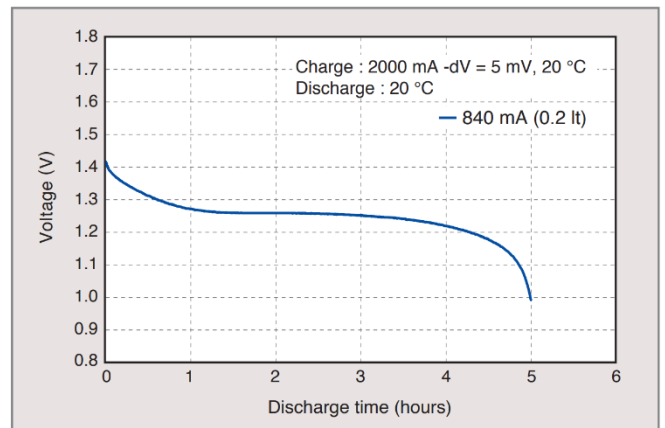
Typical charge characteristics



Specifications

Diameter		18.2 +0 / -0.7 mm	
Height		67.5 +0 / -1.5 mm	
Approximate Weight		60g	
Nominal Voltage		1.2V	
Discharge Capacity *1	Average *2	4500 mAh	
	Rated (min.)	4200 mAh	
Approx. Internal Impedance at 1000Hz at charged state.		25 mΩ	
Charge	Standard	420 mA X 16 hrs.	
	Rapid *3	2000 mA	
Ambient Temperature	Charge	Low rate	0 °C to 45 °C
		Standard	0 °C to 40 °C
	Discharge		-10 °C to 65 °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	

Typical discharge characteristics



*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.

Panasonic Energy Co., Ltd.

As of August, 2025. This data in this document is for descriptive purposes only and is not intended to make or imply any guarantee or warranty. The contents of this product information are subject to change without notice.

