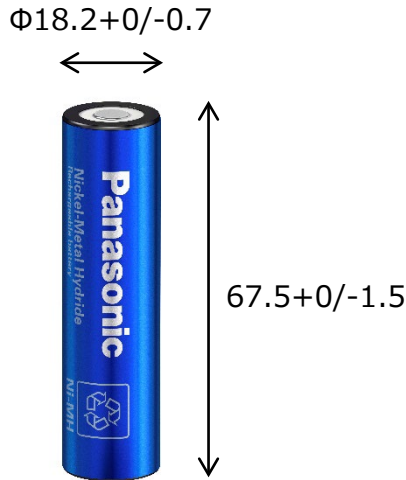


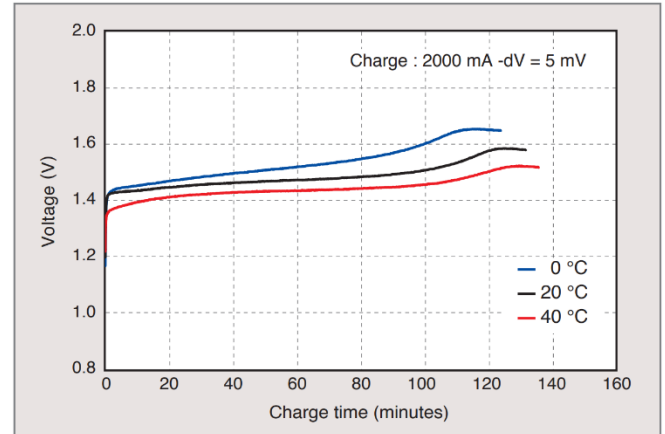
## BK450A

### Nickel-Metal Hydride Batteries [Standard (N)]

#### Dimensions



#### Typical charge characteristics



#### Specifications

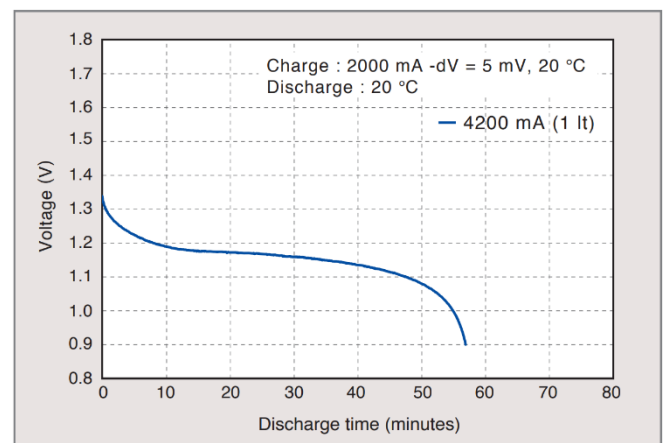
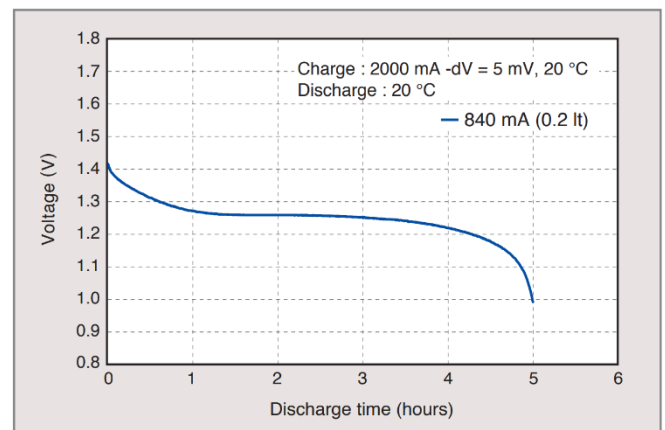
|  |                       |                   |                 |
|--|-----------------------|-------------------|-----------------|
| Diameter   |                       | 18.2 +0 / -0.7 mm |                 |
| Height   |                       | 67.5 +0 / -1.5 mm |                 |
| Approximate Weight                                     |                       | 61g               |                 |
| Nominal Voltage  |                       | 1.2V              |                 |
| Discharge Capacity <sup>*1</sup>                       | Average <sup>*2</sup> | 4500 mAh          |                 |
|  | Rated (min.)          | 4200 mAh          |                 |
| Approx. Internal Impedance at 1000Hz at charged state. |                       | 25 mΩ             |                 |
| Charge   | Standard              | 420 mA X 16 hrs.  |                 |
|  | Rapid <sup>*3</sup>   | 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 |

\*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.

#### Typical discharge characteristics



#### 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 July, 2024. 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.

