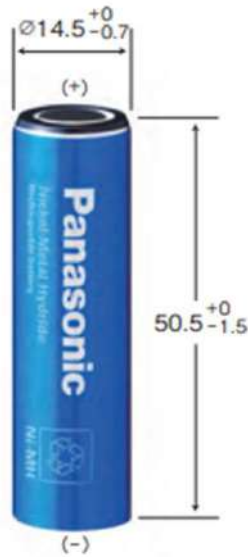


# BK110AAH

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

### Dimensions



### Specifications

|                                                        |                       |                     |                                    |
|--------------------------------------------------------|-----------------------|---------------------|------------------------------------|
| Diameter                                               |                       | 14.5 +0 / -0.7 mm   |                                    |
| Height                                                 |                       | 50.5 +0 / -1.5 mm   |                                    |
| Approximate Weight                                     |                       | 24 g                |                                    |
| Nominal Voltage                                        |                       | 1.2 V               |                                    |
| Discharge Capacity <sup>*1</sup>                       | Average <sup>*2</sup> | 1180 mAh            |                                    |
|                                                        | Rated (min.)          | 1100 mAh            |                                    |
| Approx. Internal impedance at 1000Hz at charged state. |                       | 17 mΩ               |                                    |
| Charge                                                 |                       | Standard            | 110 mA X 16 hrs.                   |
|                                                        |                       | Rapid <sup>*3</sup> | 550 mA X 2.4 hrs.                  |
|                                                        |                       | Low rate            | 55 mA X 32 hrs.<br>37 mA X 48 hrs. |
| Ambient Temperature                                    | Charge                | Standard            | -10 °C to 60 °C                    |
|                                                        |                       | Low rate            |                                    |
|                                                        |                       | 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.

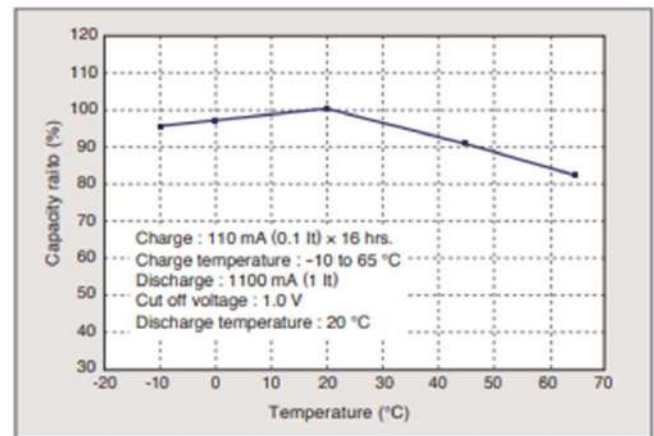
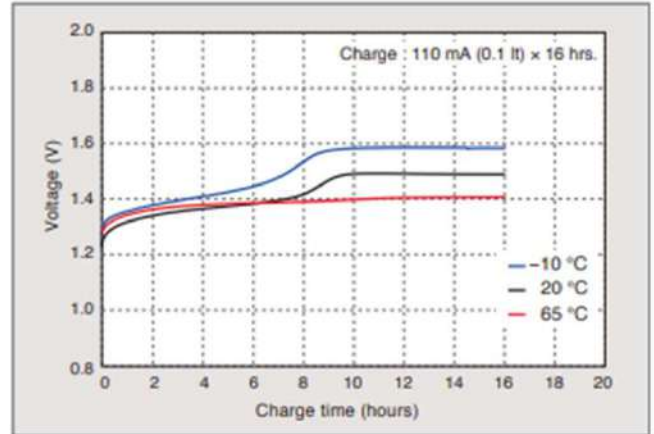
\*2 For reference only.

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

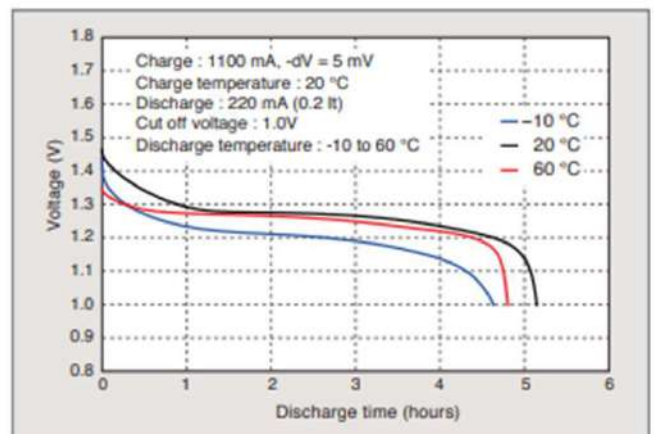
### Attention

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.

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

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