

# BK160AH

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

### Dimensions



### Specifications

|                                                        |                        |                                    |                 |
|--------------------------------------------------------|------------------------|------------------------------------|-----------------|
| Diameter                                               |                        | 17.0 +0 / -0.7 mm                  |                 |
| Height                                                 |                        | 43.0 +0 / -1.5 mm                  |                 |
| Approximate Weight                                     |                        | 29 g                               |                 |
| Nominal Voltage                                        |                        | 1.2 V                              |                 |
| Discharge Capacity                                     | Average * <sup>2</sup> | 1720 mAh                           |                 |
|                                                        | Rated (min.)           | 1600 mAh                           |                 |
| Approx. Internal impedance at 1000Hz at charged state. |                        | 20 mΩ                              |                 |
| Charge                                                 | Standard               | 160 mA X 16 hrs.                   |                 |
|                                                        | Rapid * <sup>3</sup>   | 800 mA X 2.4 hrs.                  |                 |
|                                                        | Low rate               | 80 mA X 32 hrs.<br>53 mA X 48 hrs. |                 |
| Ambient Temperature                                    | Charge                 | Standard                           | -10 °C to 60 °C |
|                                                        |                        | Low rate                           |                 |
|                                                        |                        | Rapid                              |                 |
|                                                        | 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.

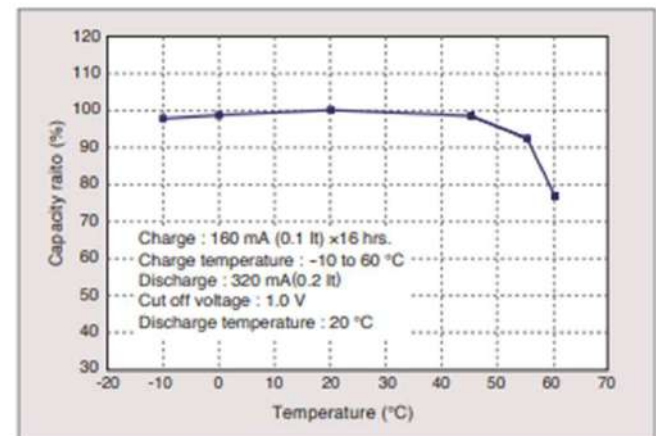
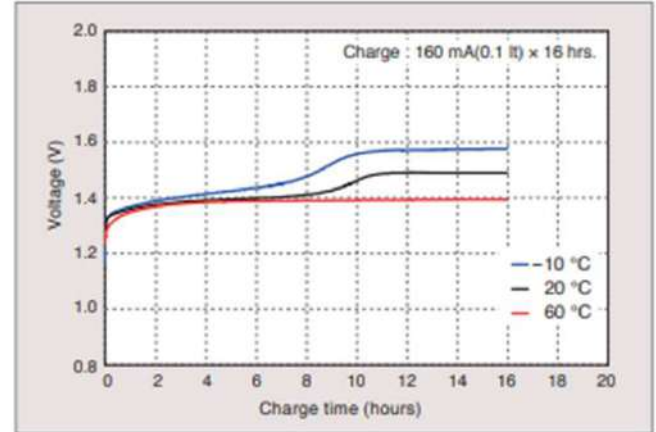
\*2 For reference only.

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

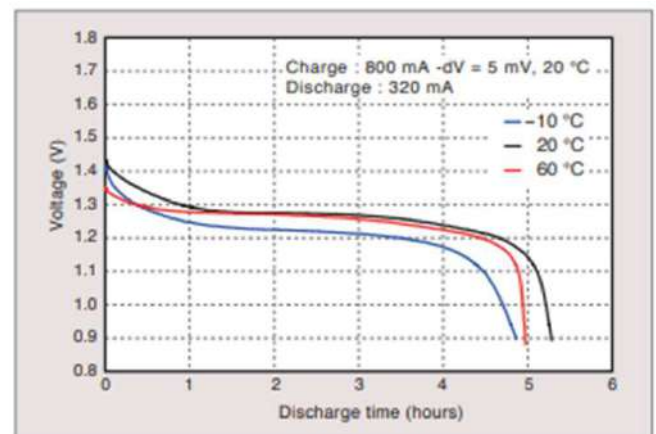
### Attention

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>

As of April, 2022. 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.

