

# BK250SCH

## Nickel Metal Hydride Battery [PH: High-rate discharge & High temperature]

### Dimensions



### Specifications

Diameter		23.0 +0 / -1.0 mm
Height		43.0 +0 / -1.5 mm
Approximate Weight		53 g
Nominal Voltage		1.2 V
Discharge Capacity <sup>*1</sup>	Average <sup>*2</sup>	2650 mAh
	Rated (min.)	2500 mAh
Approx. Internal impedance at 1000Hz at charged state.		5 mΩ
Charge	Standard	250 mA X 16 hrs.
	Rapid <sup>*3</sup>	1250 mA X 2.4 hrs.
	Low rate	125 mA X 32 hrs. 83 mA X 48 hrs.
Ambient Temperature	Charge	
	Standard	-10 °C to 60 °C
	Low rate	-10 °C to 60 °C
	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.

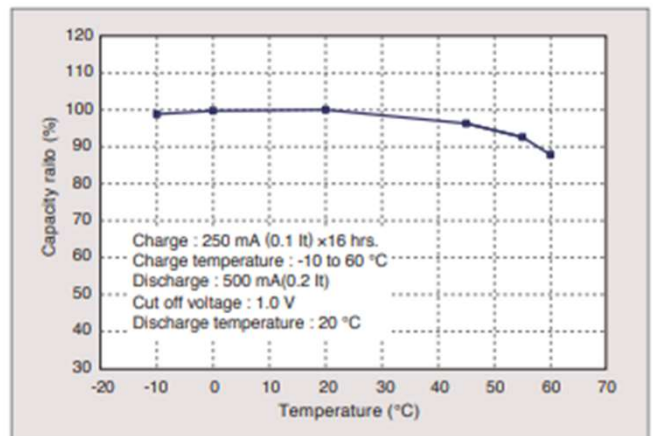
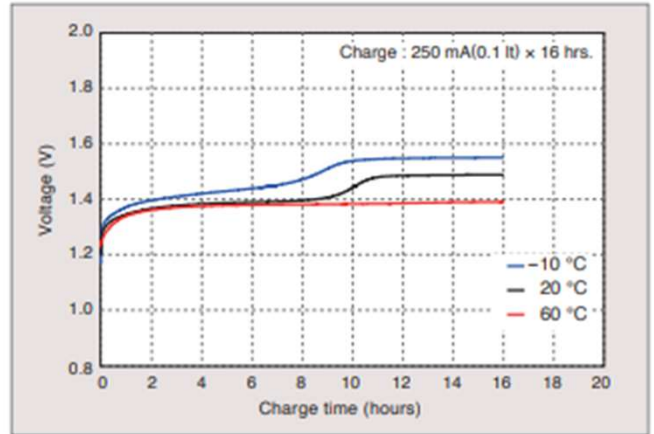
\*2 For reference only.

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

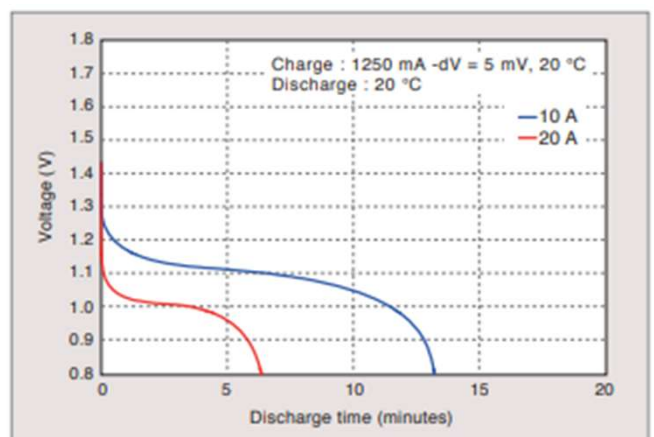
#### Attention

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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