

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 ^{*1}	Average ^{*2}	2650 mAh
	Rated (min.)	2500 mAh
Approx. Internal impedance at 1000Hz at charged state.		5 mΩ
Charge	Standard	250 mA X 16 hrs.
	Rapid ^{*3}	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.

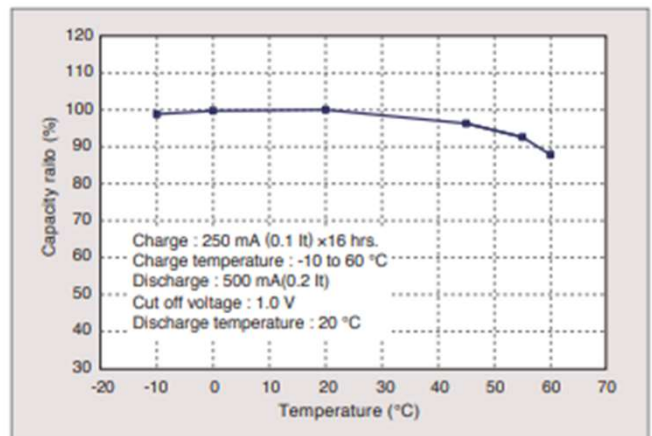
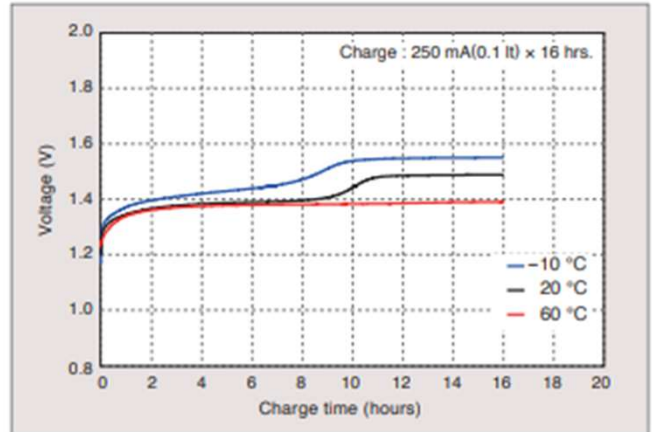
*2 For reference only.

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

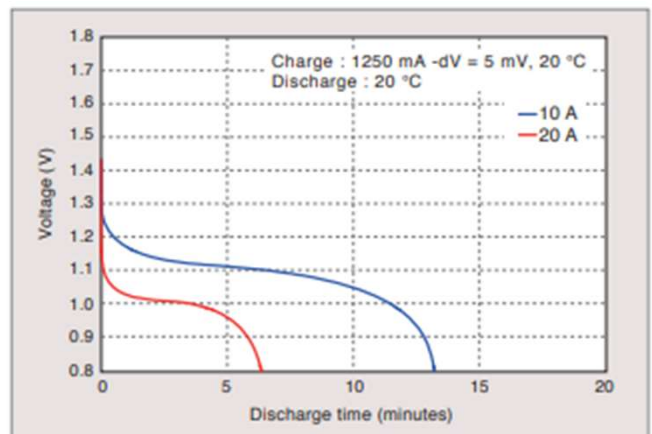
Attention

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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