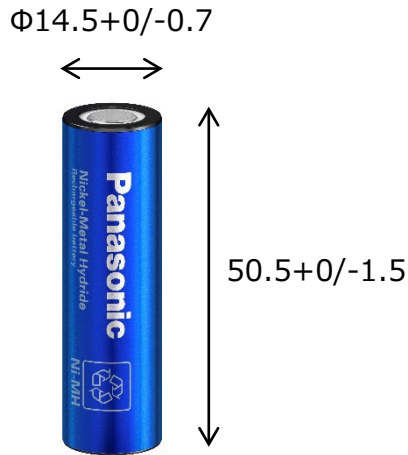


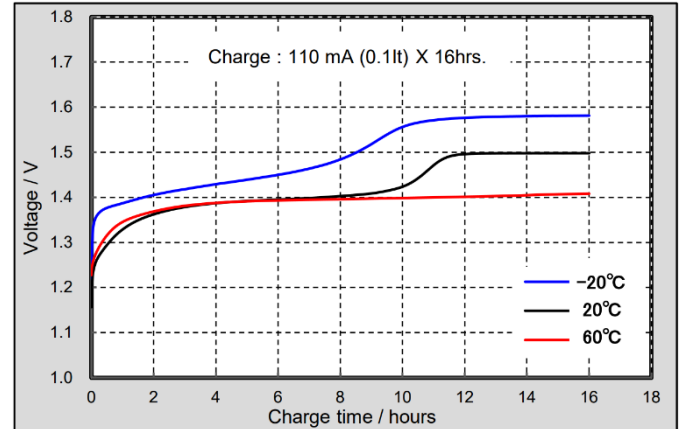
BK120AAWS

Nickel-Metal Hydride Batteries [Backup for Automotive (W)]

Dimensions



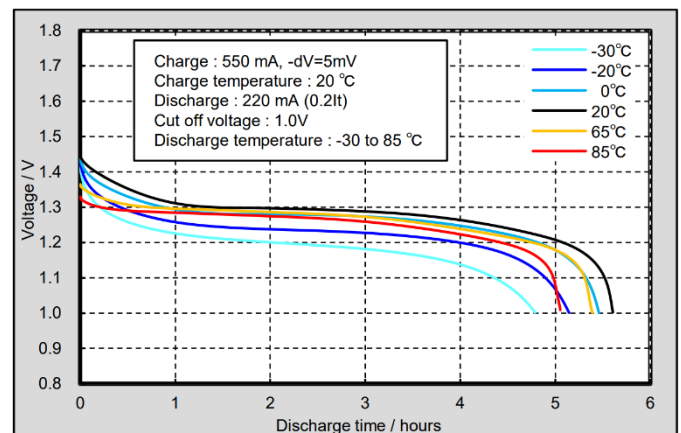
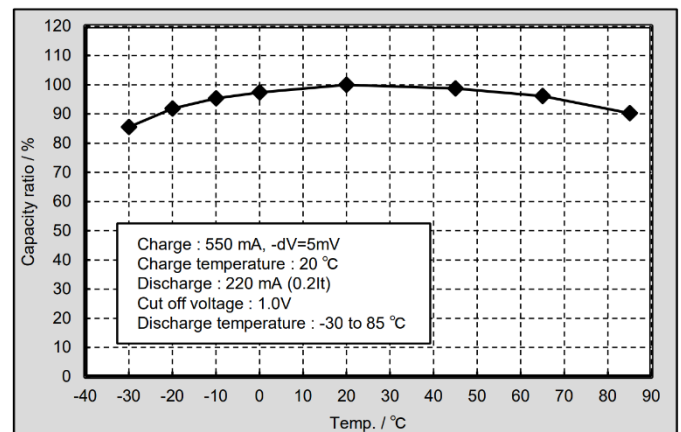
Typical charge characteristics



Specifications

Diameter		14.5 +0 / -0.7 mm	
Height		50.5 +0 / -1.5 mm	
Approximate Weight		24g	
Nominal Voltage		1.2V	
Discharge Capacity * ¹	Average * ²	1180 mAh	
	Rated (min.)	1100 mAh	
Approx. Internal Impedance at 1000Hz at charged state.		20 mΩ	
Charge		Standard	110 mA X 16 hrs.
		Rapid * ³	550 mA X 2.4 hrs.
Ambient Temperature	Charge	Low rate	-20 °C ~ 60 °C
		Standard	-20 °C ~ 45 °C
	Discharge	Recommended	-30 °C ~ 60 °C
		Possible * ⁴	-40 °C ~ 85 °C
	Storage	<1 year	-40 °C ~ 35 °C
		<6 months	-40 °C ~ 45 °C
		<1 month	-40 °C ~ 55 °C
		<1 week	-40 °C ~ 85 °C

Typical discharge characteristics



^{*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.

^{*4} It depends on usage conditions. 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.

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.

