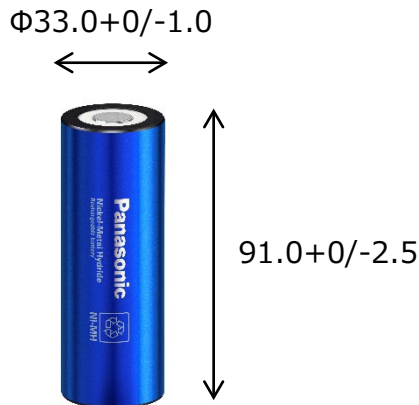


BK850FPH

Nickel-Metal Hydride Batteries [Backup for Infrastructure/High Rate Discharge (PH)]

Dimensions



Specifications

Diameter		33.0 +0 / -1.0 mm	
Height		91.0 +0 / -2.5 mm	
Approximate Weight		220g	
Nominal Voltage		1.2V	
Discharge Capacity * ¹	Average * ²	8950 mAh	
	Rated (min.)	8500 mAh	
Approx. Internal Impedance at 1000Hz at charged state.		5 mΩ	
Charge		Standard	850 mA X 16 hrs.
		Rapid * ³	4250 mA X 2.4 hrs.
		Low rate	425 mA X 32 hrs. 283 mA X 48 hrs.
Ambient Temperature	Charge	Low rate	-20 °C to 75 °C
		Standard	
		Rapid	-20 °C to 60 °C
	Discharge		-20 °C to 85 °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.

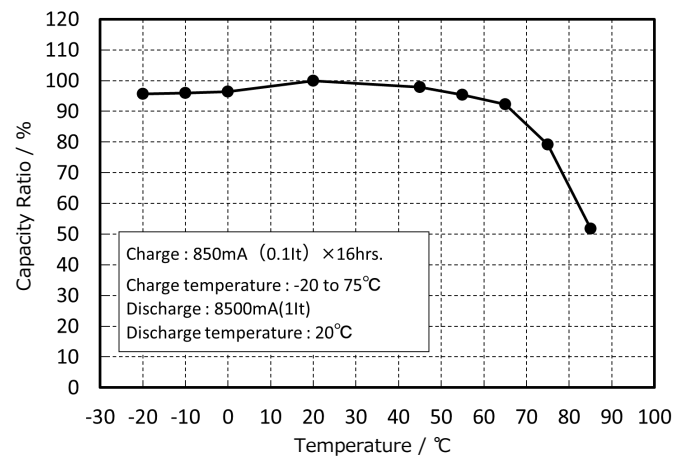
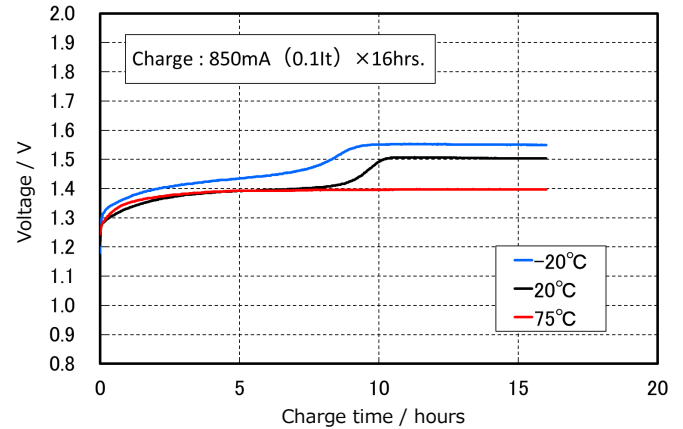
*2 For reference only.

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

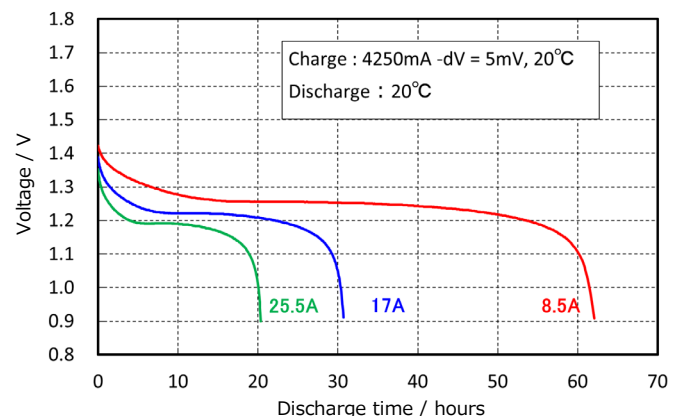
Attention

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.

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.

