**Tentative** 

**Panasonic** 

# NCR20700B data sheet

Automotive & Industrial Systems Company of Panasonic Group Portable Rechargeable Battery Business Division, SANYO Electric Co., Ltd.

# **Specifications for NCR20700B**

Specifications		
Rated capacity <sup>(1)</sup>		4000mAh
Capacity <sup>(2)</sup>	Minimum	4050mAh
	Typical	4250mAh
Nominal voltage		3.6V
Charging	Method	CC-CV
	Voltage	4.20V
	Current	Std. 2000mA
	Time	Std. 180min.
Weight (max.)		63.0g
Temperature	Charge	10 to +45° C
	Discharge	-20 to +60° C
	Storage	-20 to +50° C
Energy density <sup>(3)</sup>	Volumetric	659 Wh/I
	Gravimetric	224 Wh/kg

**Dimensions** I (-) Max. 70.3mm Н With tube Max. 20.35mm Max. 10.5mm

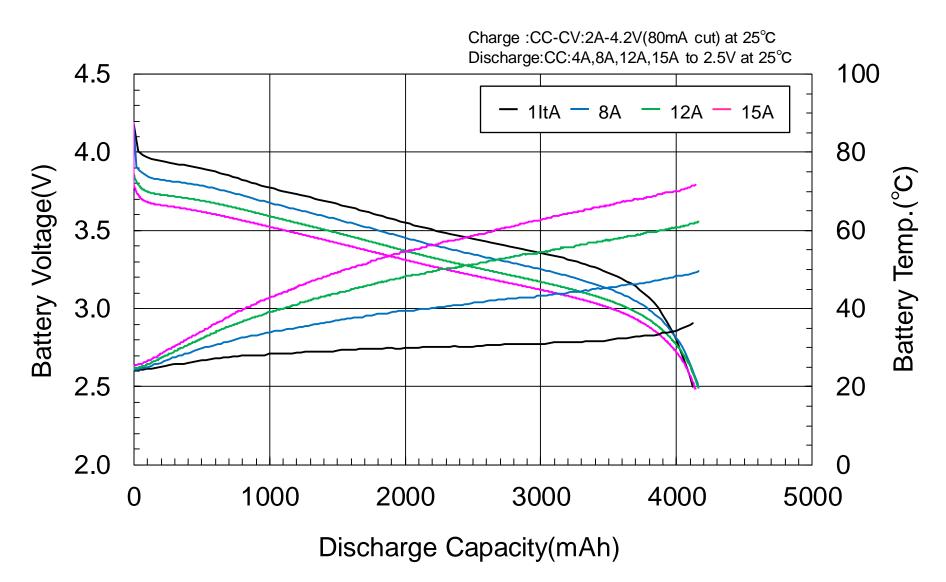
When designing a pack, refer to the cell's mechanical drawing for precise dimensions.



<sup>(1)</sup> At 20° C (2) At 25° C

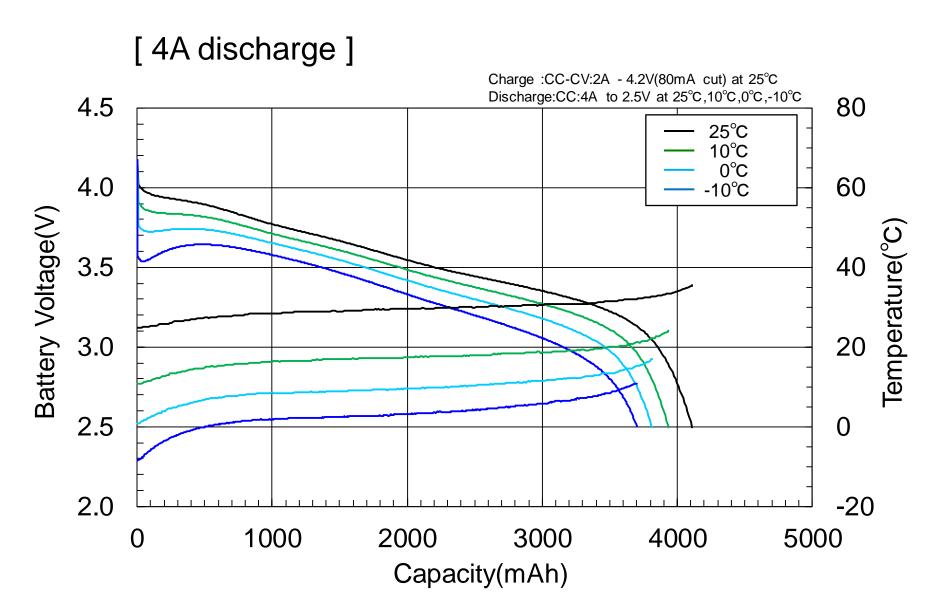
<sup>(3)</sup> Energy density is calculated using bare cell dimensions (without tube).

# **Discharge rate Characteristics for NCR20700B**



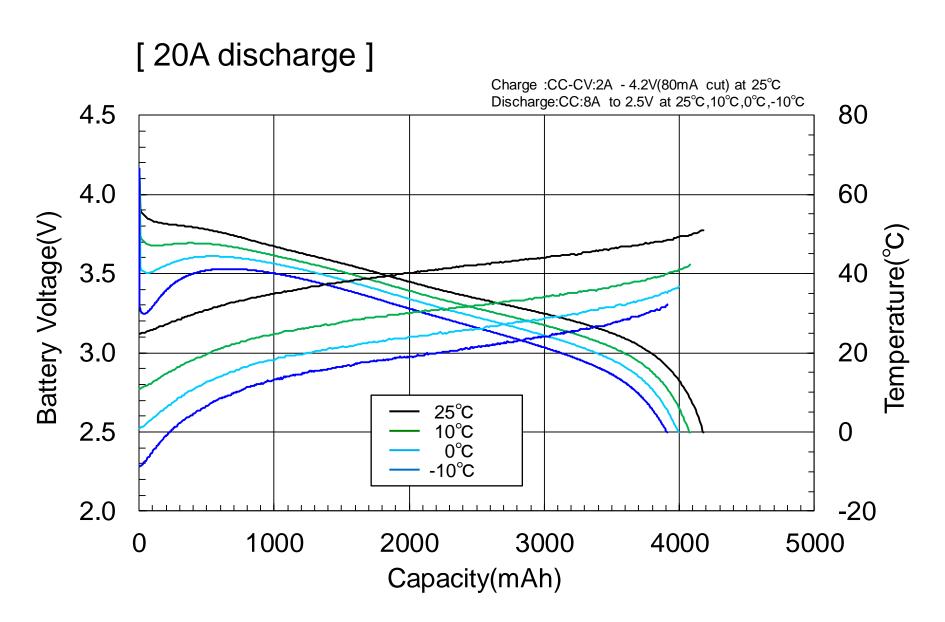


#### Low Temp. Characteristics for NCR20700B





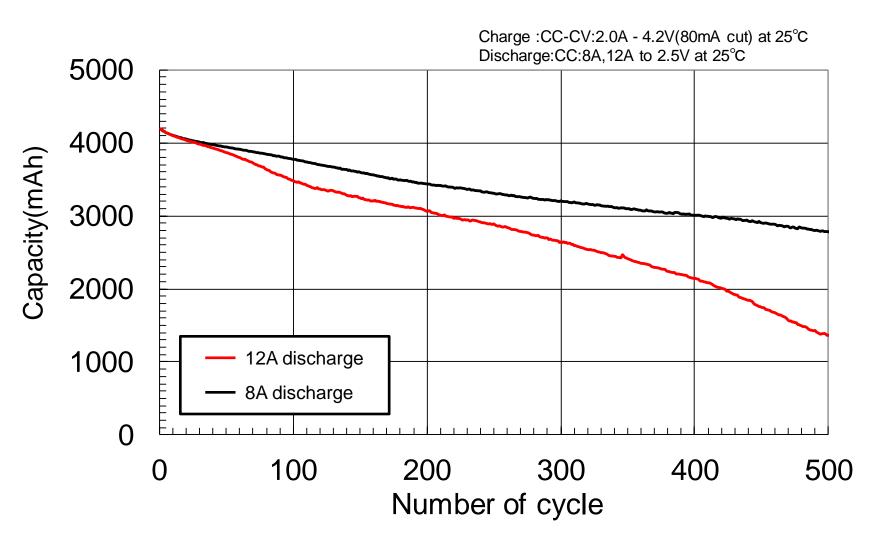
#### Low Temp. Characteristics for NCR20700A





# **Cycle Characteristics for NCR20700B**

< Without Temp. cut cycle performance of single cell >





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