

Tentative

**Panasonic**

# **NCR20700B data sheet**

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

# Specifications for NCR20700B

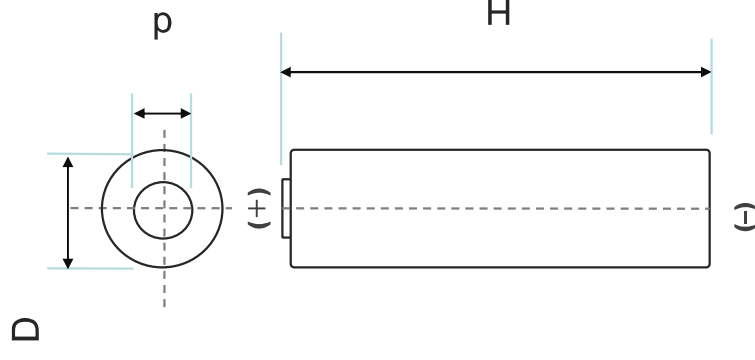
## Specifications

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/l
	Gravimetric	224 Wh/kg

<sup>(1)</sup> At 20° C <sup>(2)</sup> At 25° C

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

## Dimensions



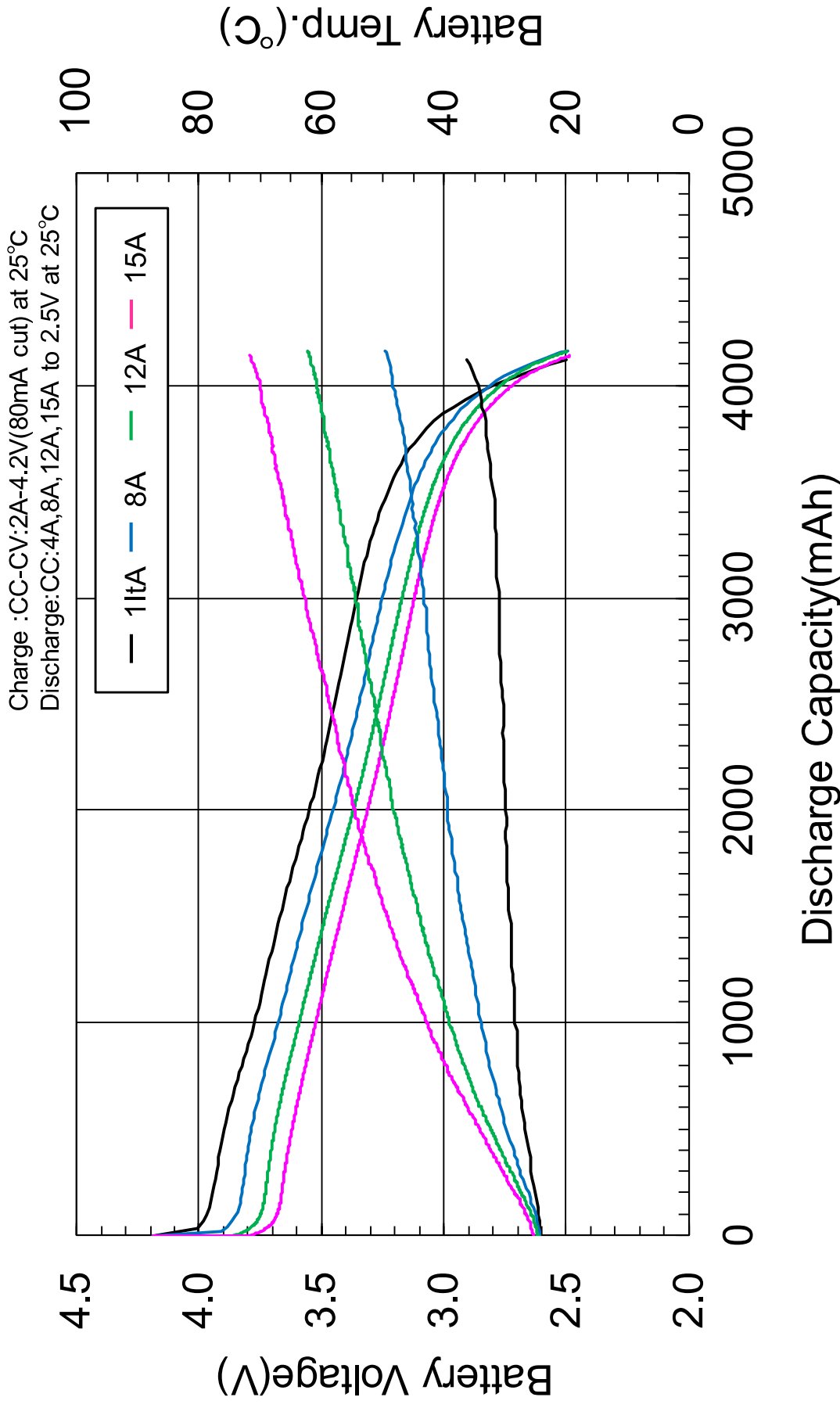
With tube	H	Max. 70.3mm
	D	Max. 20.35mm
	d	Max. 10.5mm

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

<Remark> These values are not guaranteed values.

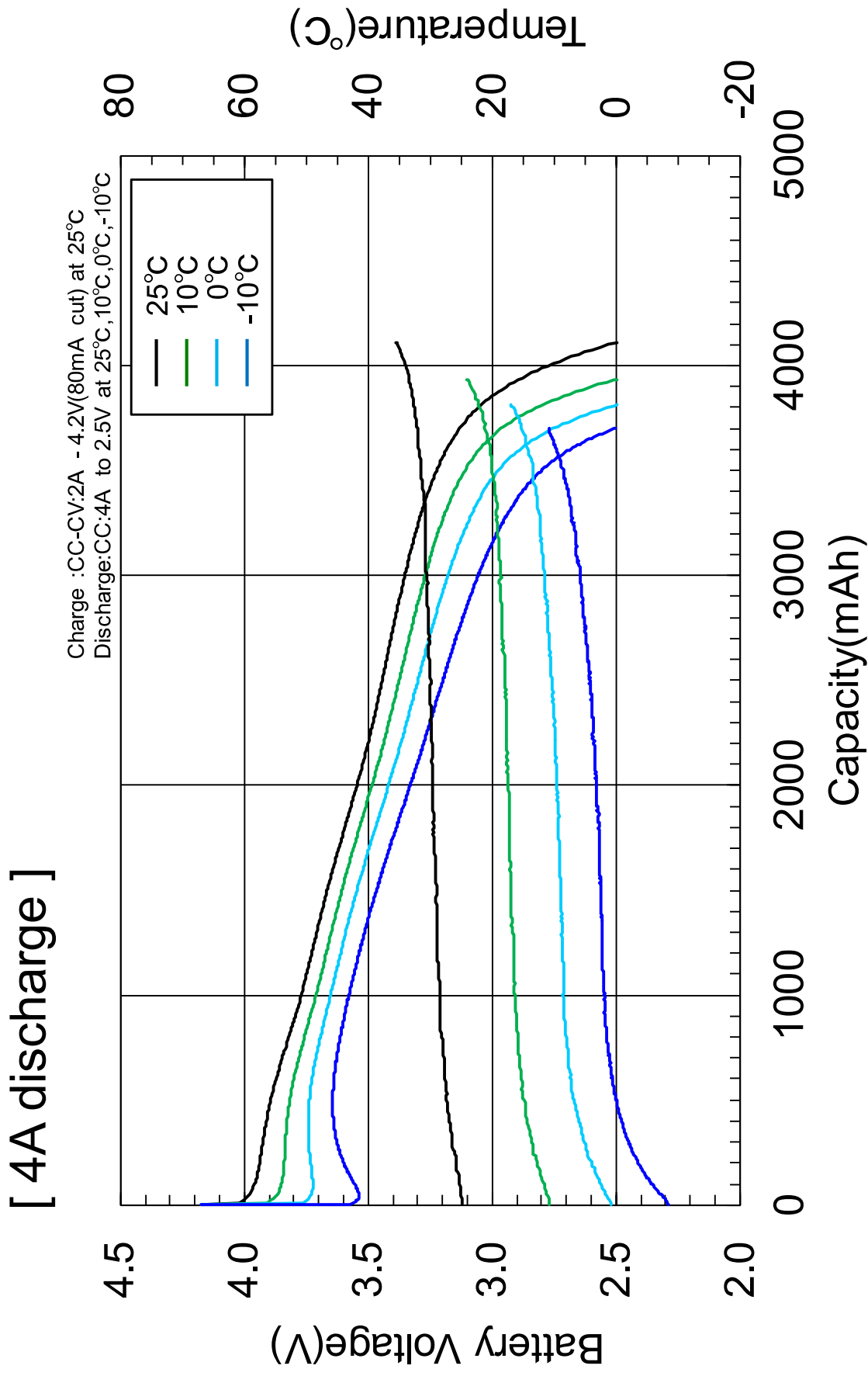
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# Discharge rate Characteristics for NCR20700B



<Remark> These values are not guaranteed values.

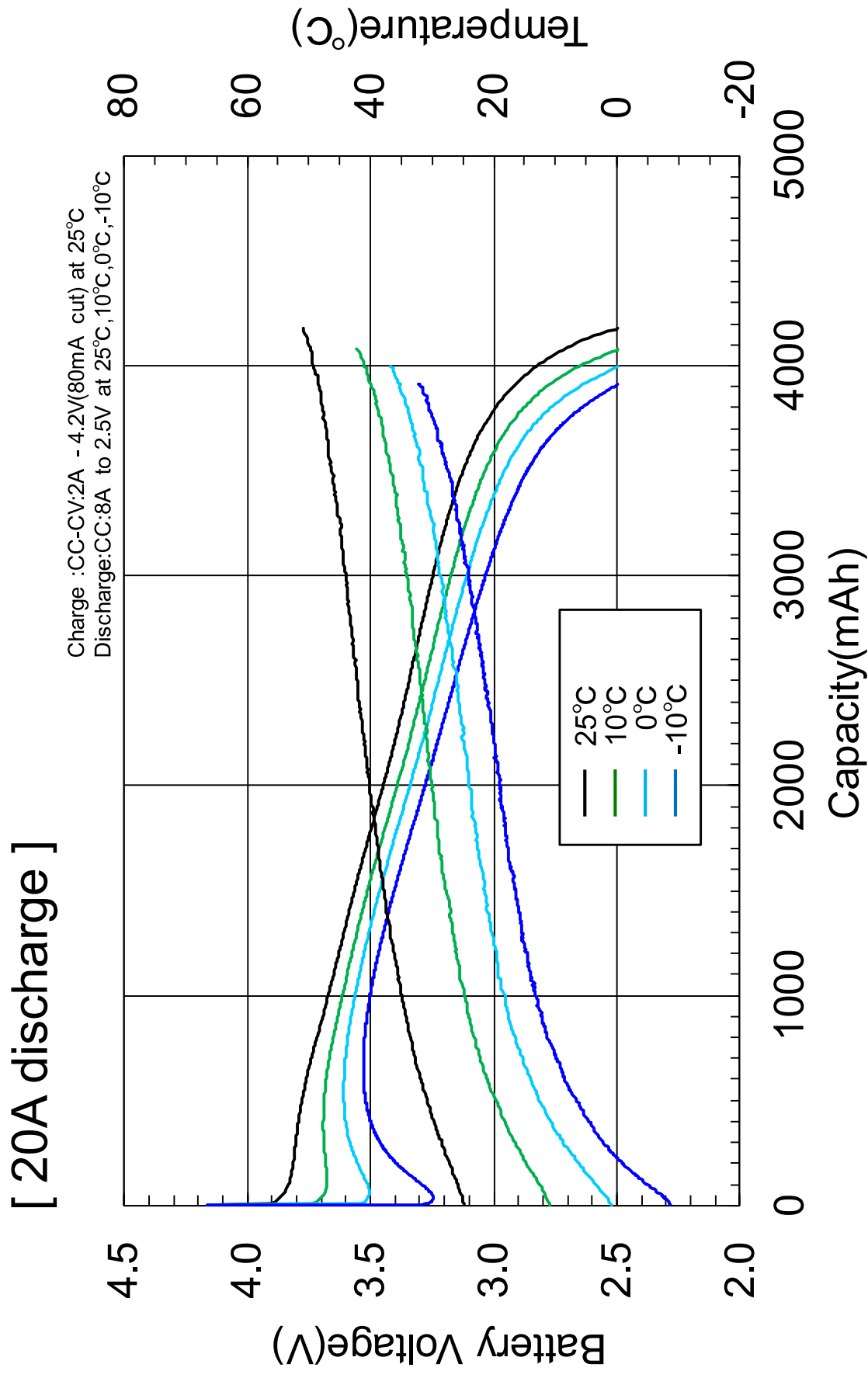
# Low Temp. Characteristics for NCR20700B



<Remark> These values are not guaranteed values.

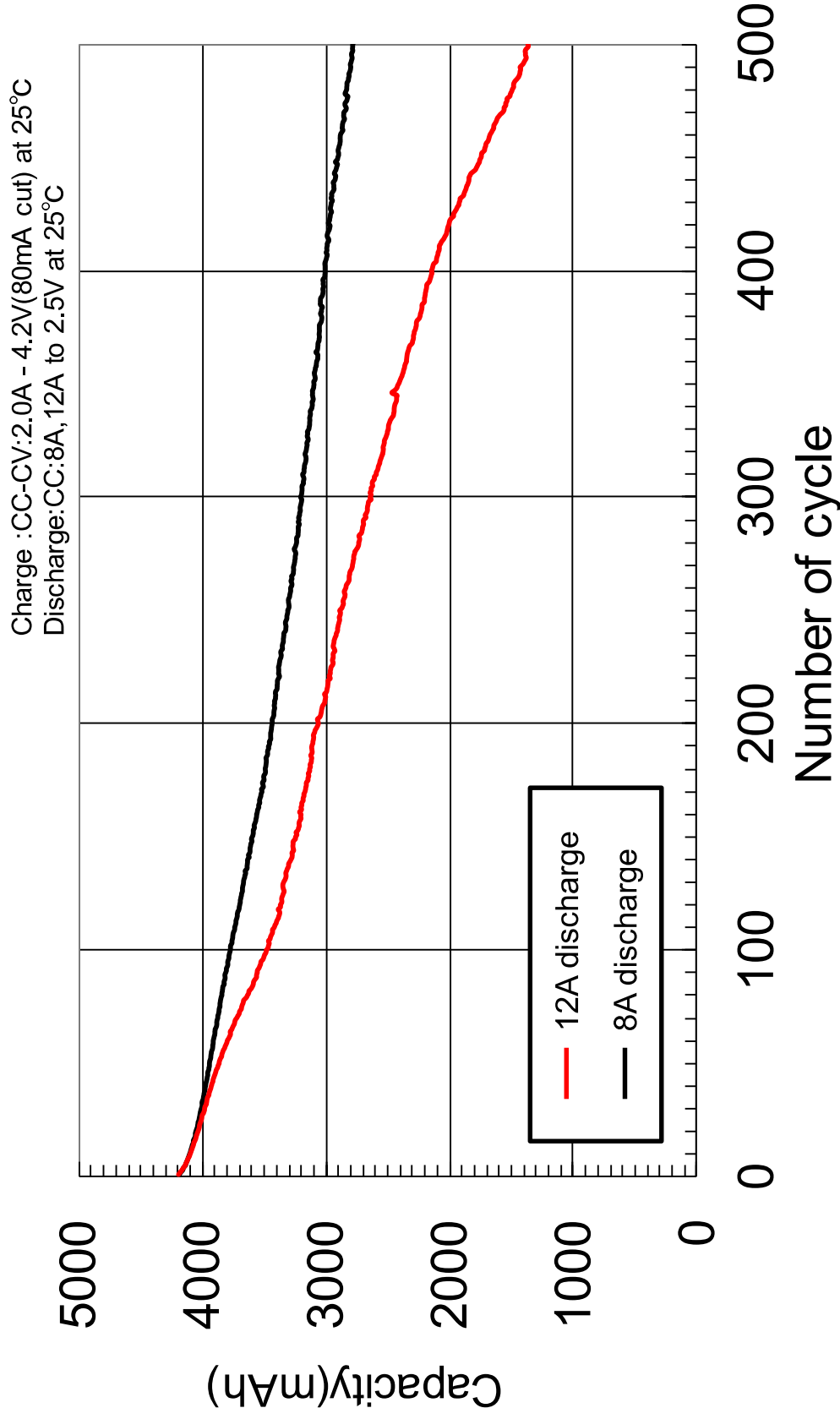


# Low Temp. Characteristics for NCR20700A



<Remark> These values are not guaranteed values.

< Without Temp. cut cycle performance of single cell >



<Remark> These values are not guaranteed values.

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**ideas for life**

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