

Tentative

The Panasonic logo, consisting of the word "Panasonic" in white sans-serif font on a blue rectangular background.

NCR20700B data sheet

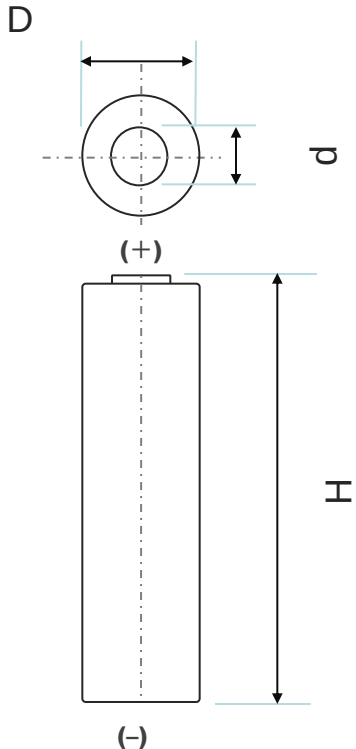
Automotive & Industrial Systems Company of Panasonic Group
Portable Rechargeable Battery Business Division, SANYO Electric Co., Ltd.

Specifications for NCR20700B

Specifications		
Rated capacity ⁽¹⁾		4000mAh
Capacity ⁽²⁾	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 ⁽³⁾	Volumetric	659 Wh/l
	Gravimetric	224 Wh/kg

⁽¹⁾ At 20° C ⁽²⁾ At 25° C

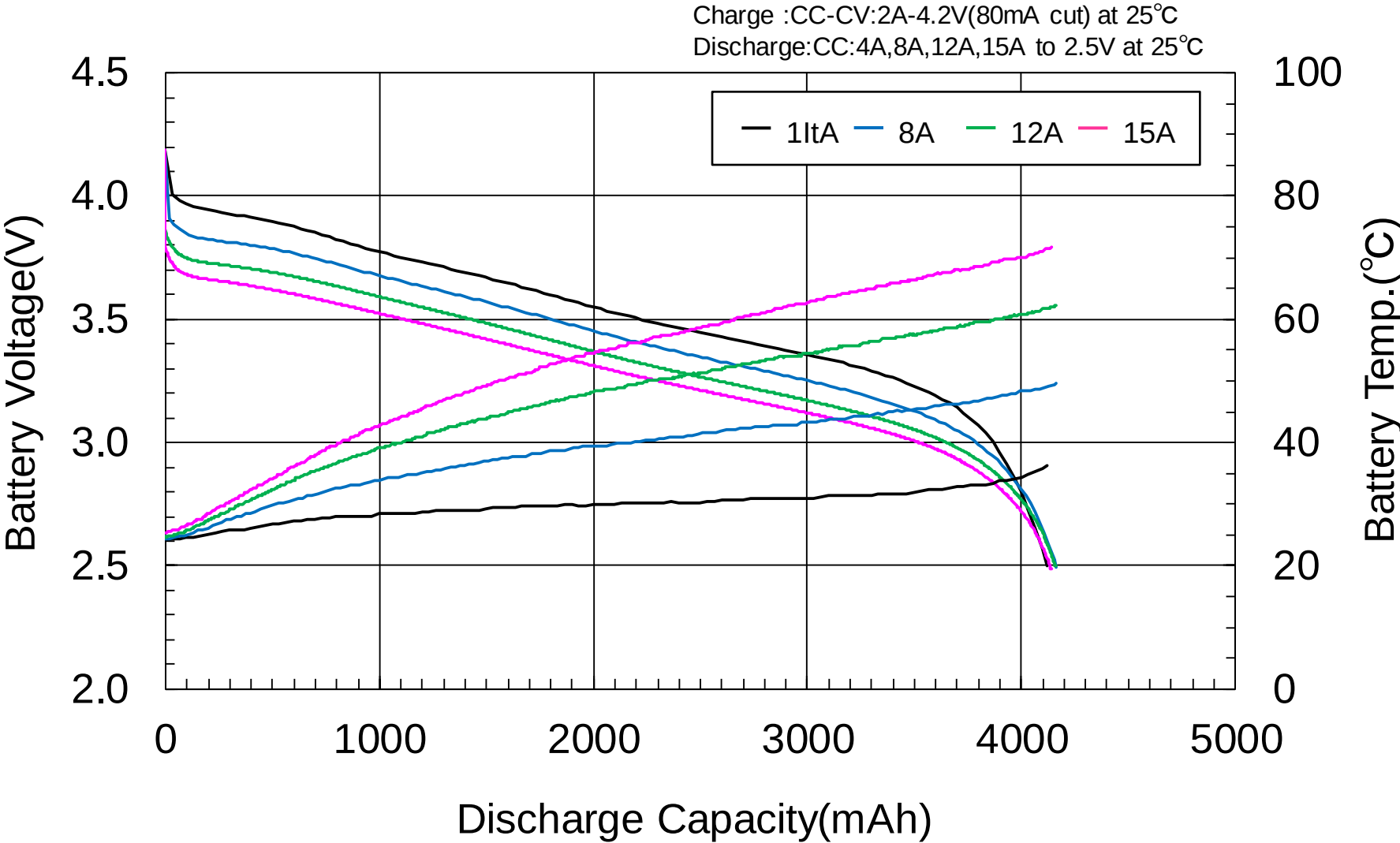
⁽³⁾ Energy density is calculated using bare cell dimensions (without tube).

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.

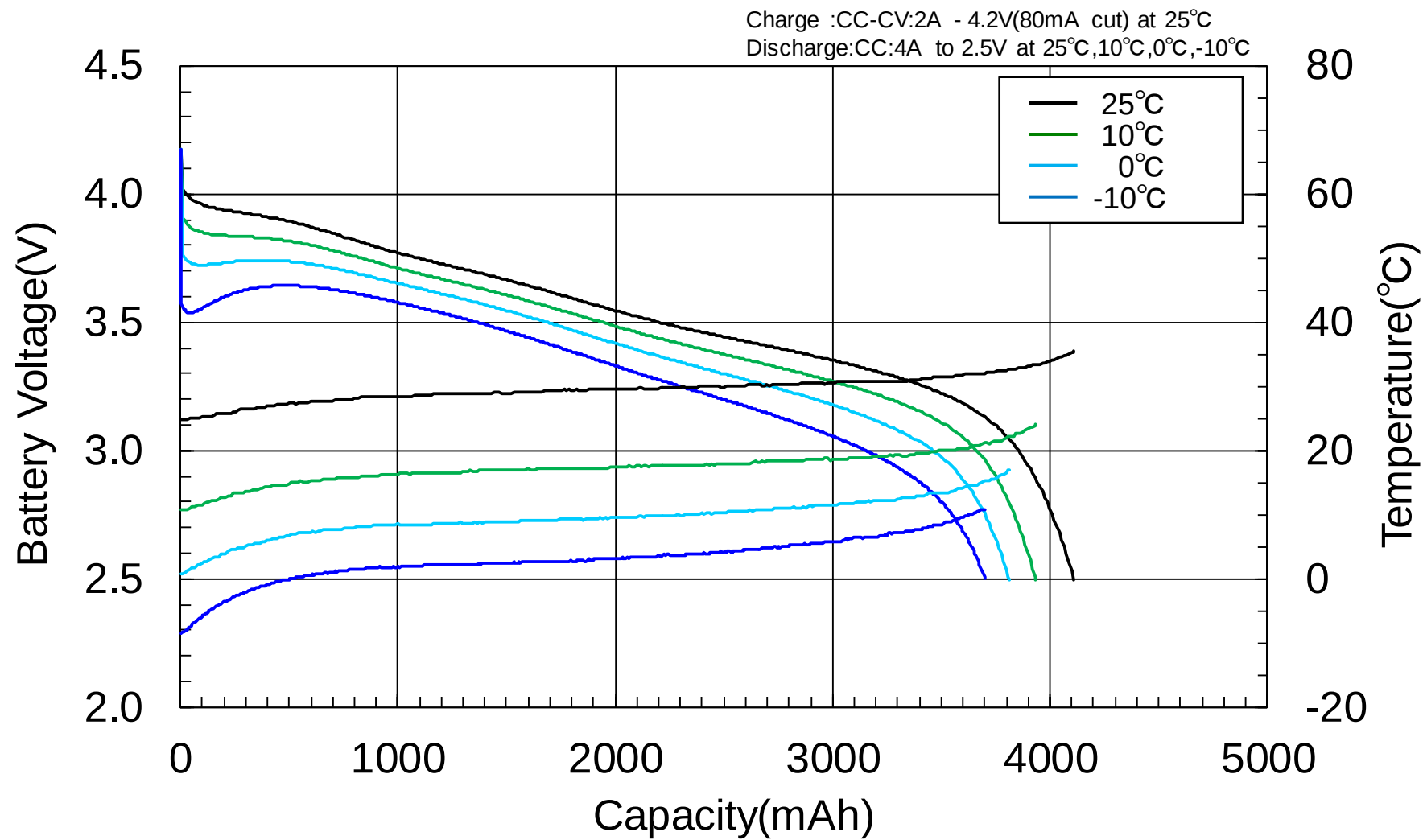
Discharge rate Characteristics for NCR20700B



<Remark> These values are not guaranteed values.



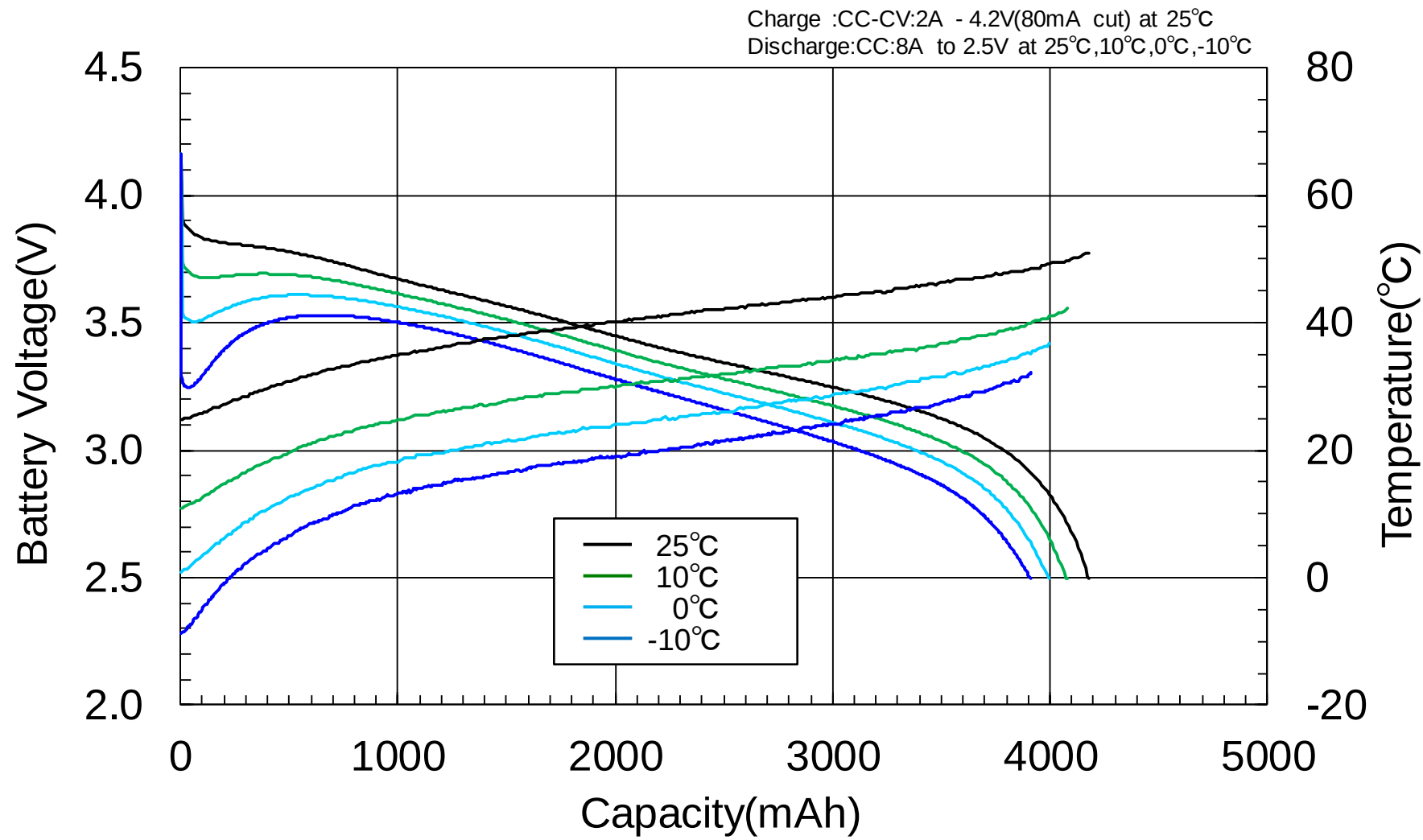
[4A discharge]



<Remark> These values are not guaranteed values.



[20A discharge]

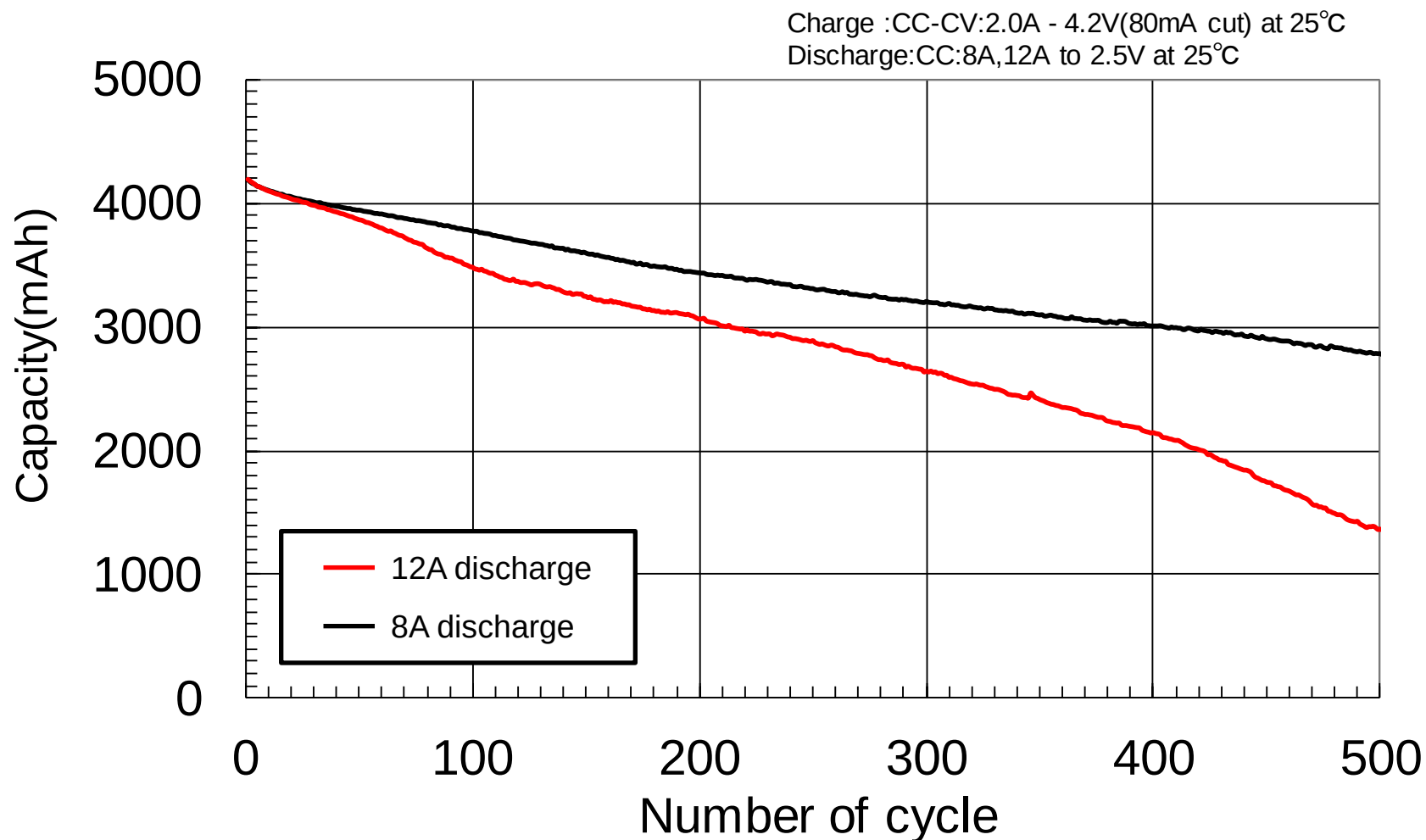


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Cycle Characteristics for NCR20700B

< Without Temp. cut cycle performance of single cell >



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Panasonic
ideas for life