

Tentative

The Panasonic logo is located in the top right corner of the page. It consists of the word "Panasonic" in a white, sans-serif font, centered within a blue rectangular background that has a subtle gradient.

NCR20650A data sheet

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

Specifications for NCR20650A

Specifications		
Rated capacity ⁽¹⁾		2900mAh
Capacity ⁽²⁾	Minimum	2950mAh
	Typical	3100mAh
Nominal voltage		3.6V
Charging	Method	CC-CV
	Voltage	4.20V
	Current	Std. 2065mA
	Time	Std. 180min.
Weight (max.)		55.4g
Temperature	Charge	10 to +45° C
	Discharge	-20 to +60° C
	Storage	-20 to +50° C
Energy density ⁽³⁾	Volumetric	517Wh/l
	Gravimetric	195 Wh/kg

Dimensions		
With tube	H	Max. 65.3mm
	D	Max. 20.35mm
	d	Max. 10.5mm

⁽¹⁾ At 20° C ⁽²⁾ At 25° C

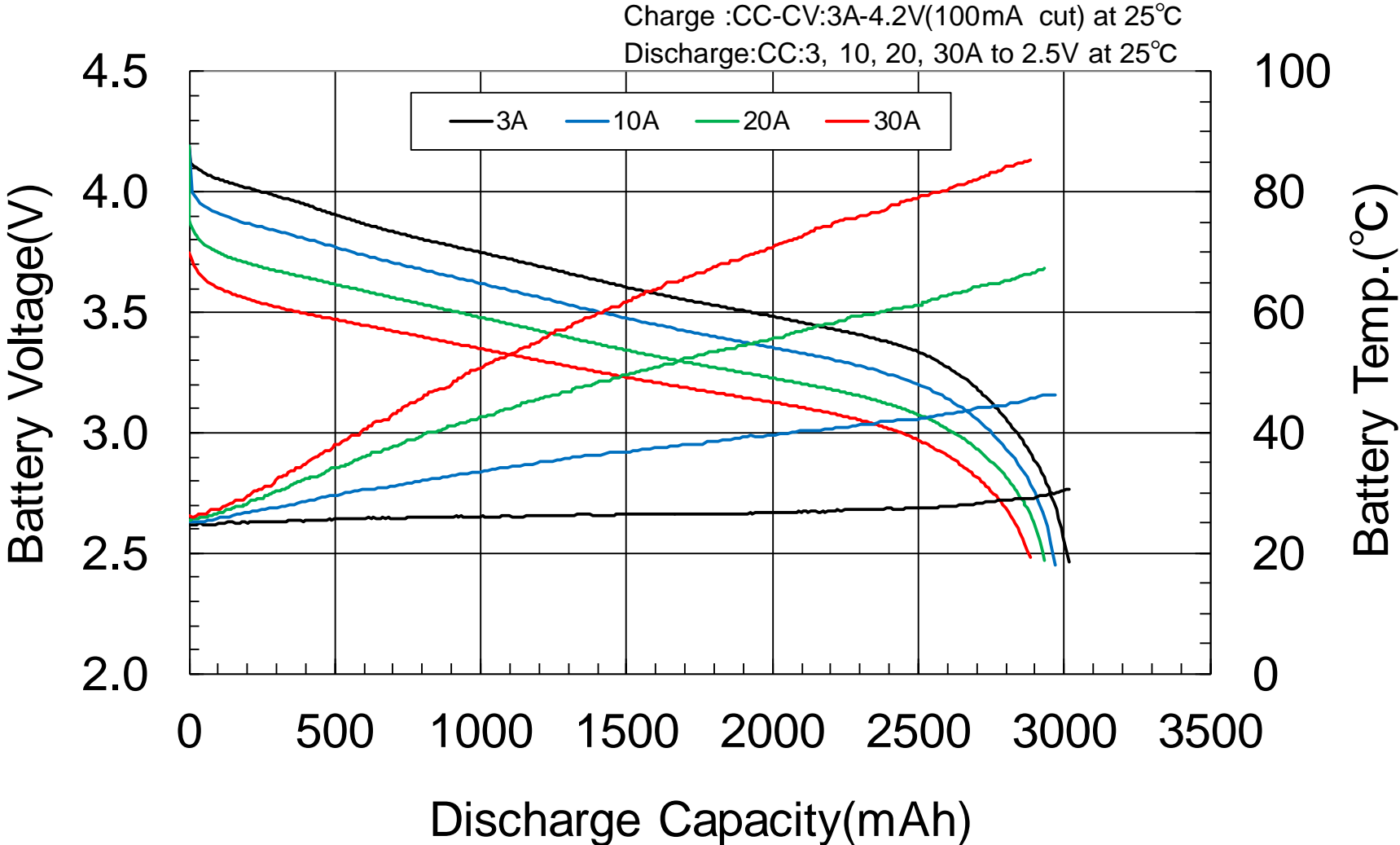
⁽³⁾ Energy density is calculated using bare cell dimensions (without tube).

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

<Remark> These values are not guaranteed values.



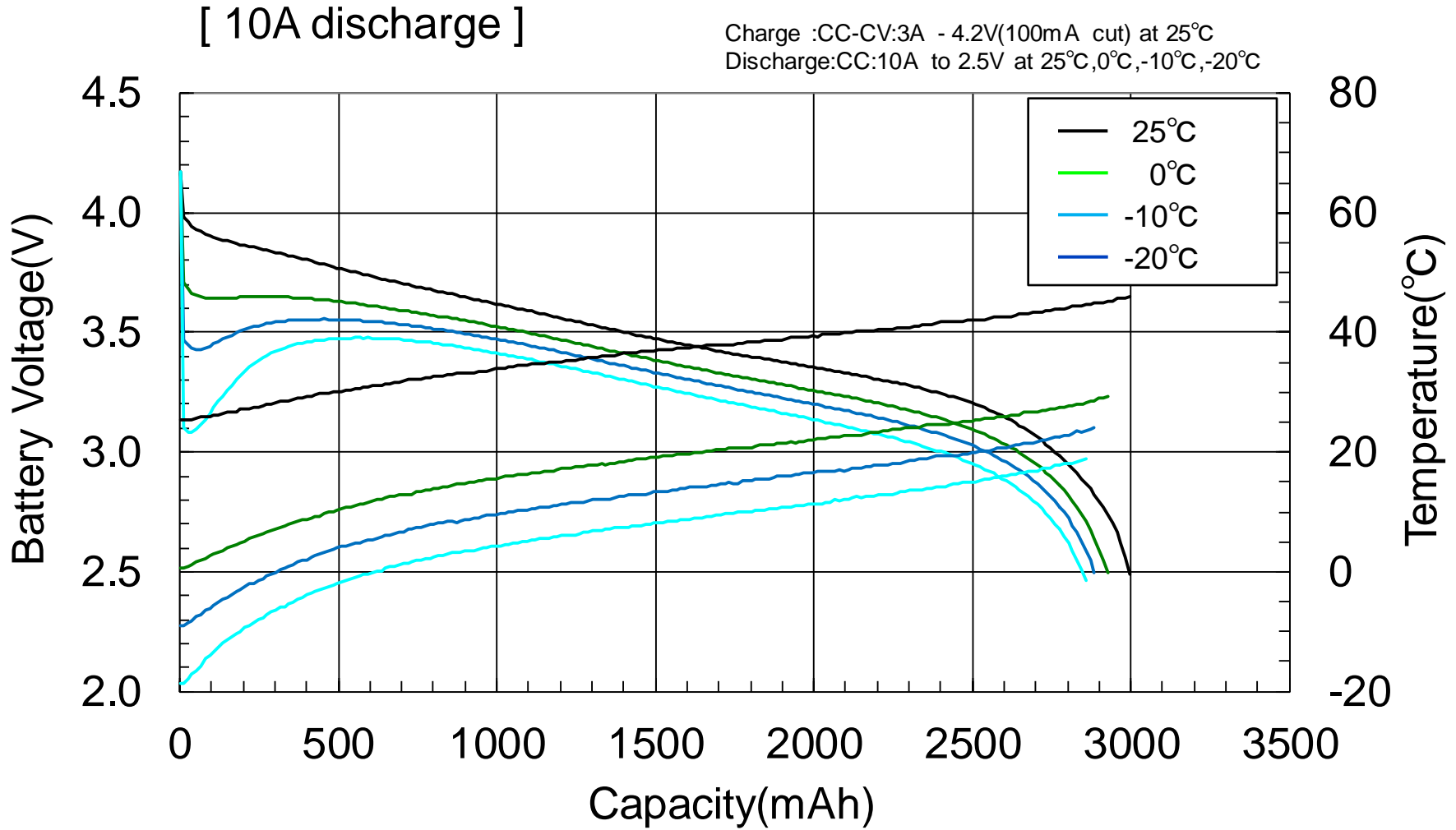
Discharge rate Characteristics for NCR20650A



<Remark> These values are not guaranteed values.



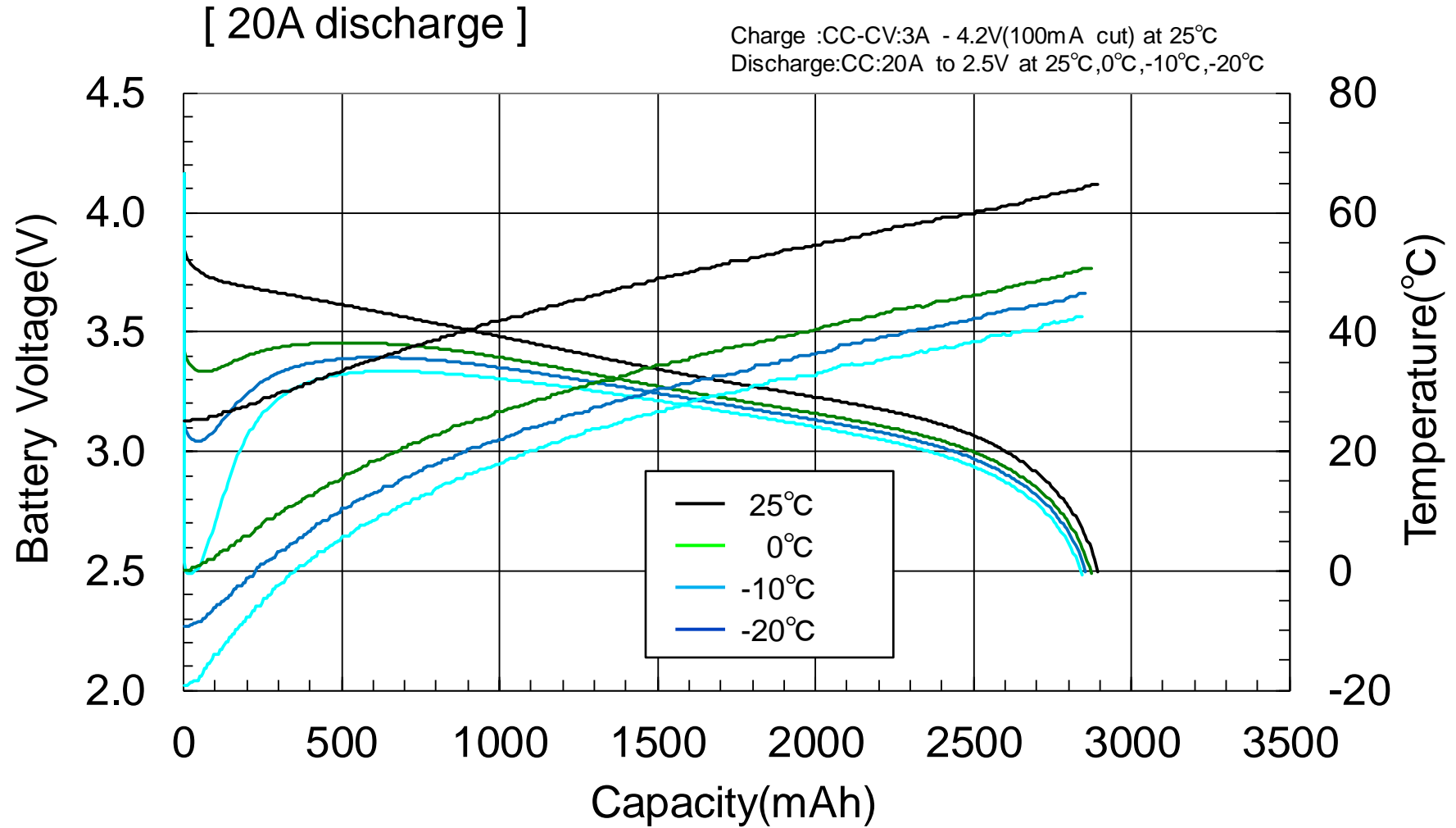
Low Temp. Characteristics for NCR20650A



<Remark> These values are not guaranteed values.



Low Temp. Characteristics for NCR20650A

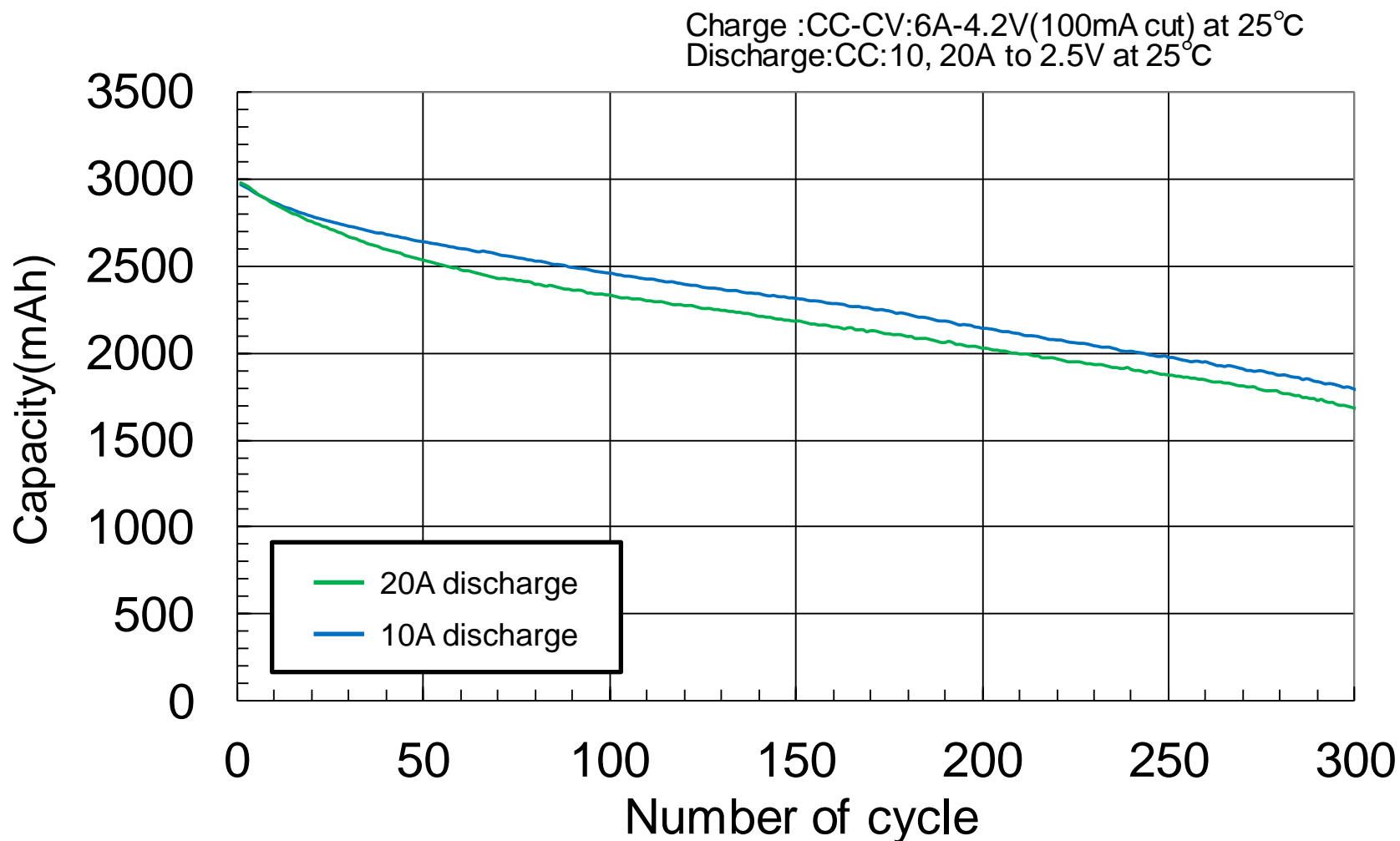


<Remark> These values are not guaranteed values.



Cycle Characteristics for NCR20650A

< Without Temp. cut cycle performance of single cell >



<Remark> These values are not guaranteed values.

Panasonic

ideas for life