

Specifications for NCR18650BF

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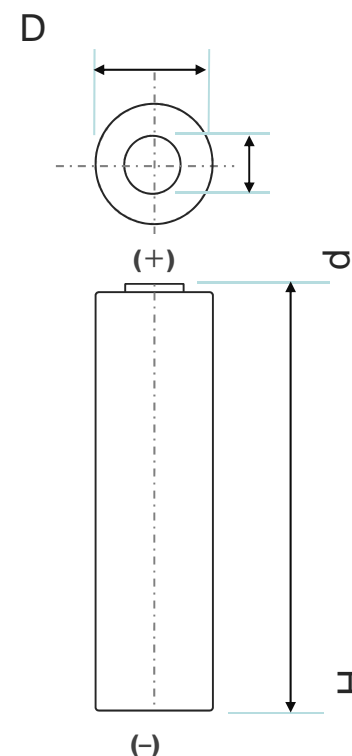
Rated capacity ⁽¹⁾		3200mAh
Capacity ⁽²⁾	Minimum	3250mAh
	Typical	3350mAh
Nominal voltage		3.6V
Charging	Method	CC-CV
	Voltage	4.20V
	Current	Std. 1625mA
	Time	Std. 240 min.
Weight (max.)		47.5g
Temperature	Charge	0 to +45° C ⁽⁴⁾
	Discharge	-20 to +60° C
	Storage	-20 to +50° C
Energy density ⁽³⁾	Volumetric	677 Wh/l
	Gravimetric	243 Wh/kg

⁽¹⁾At 20° C ⁽²⁾ At 25° C

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

⁽⁴⁾ 812mA (0~10°C)

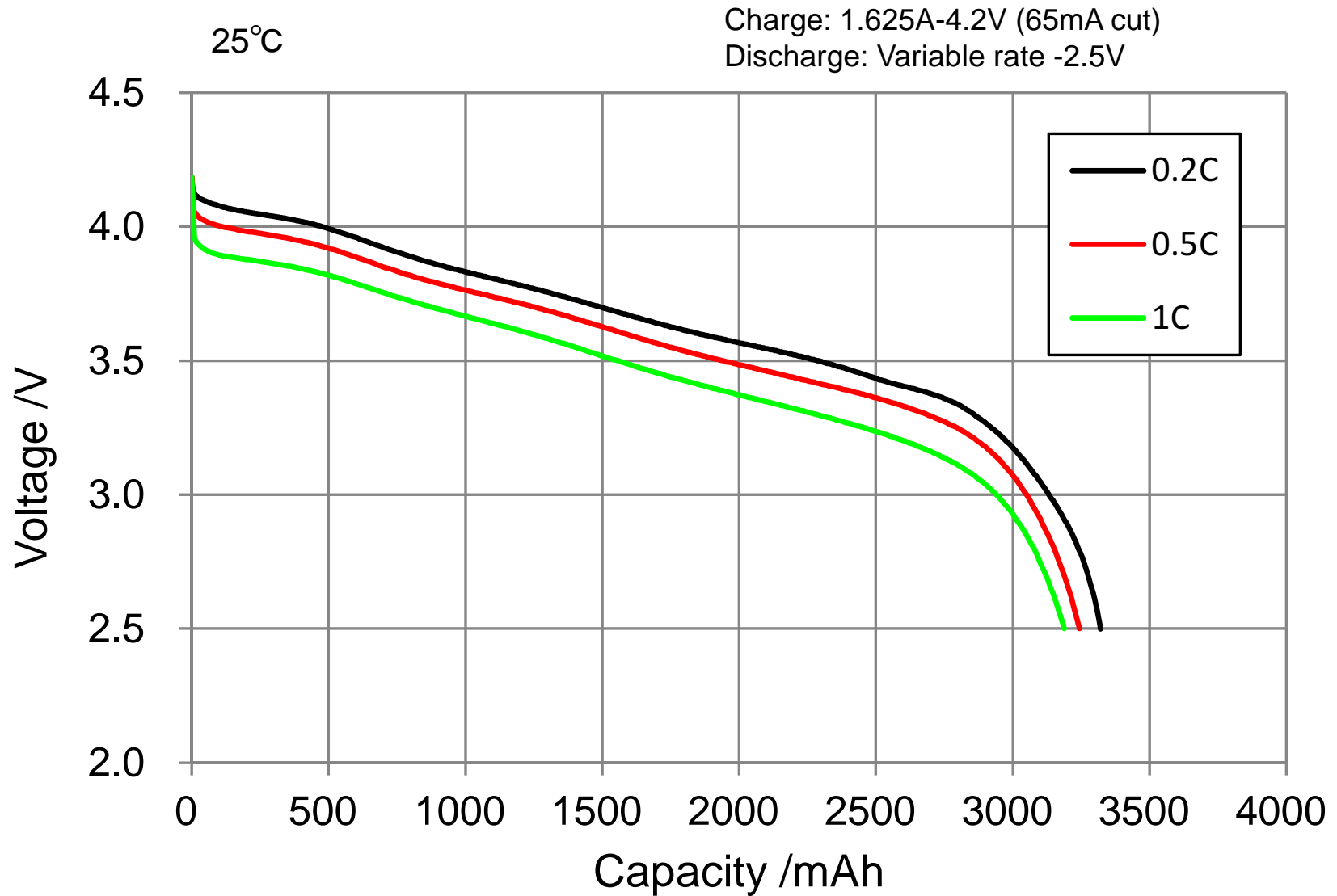
Dimensions



With tube	H	Max. 65.30mm
	D	Max. 18.50mm
	d	Typ. 9mm

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

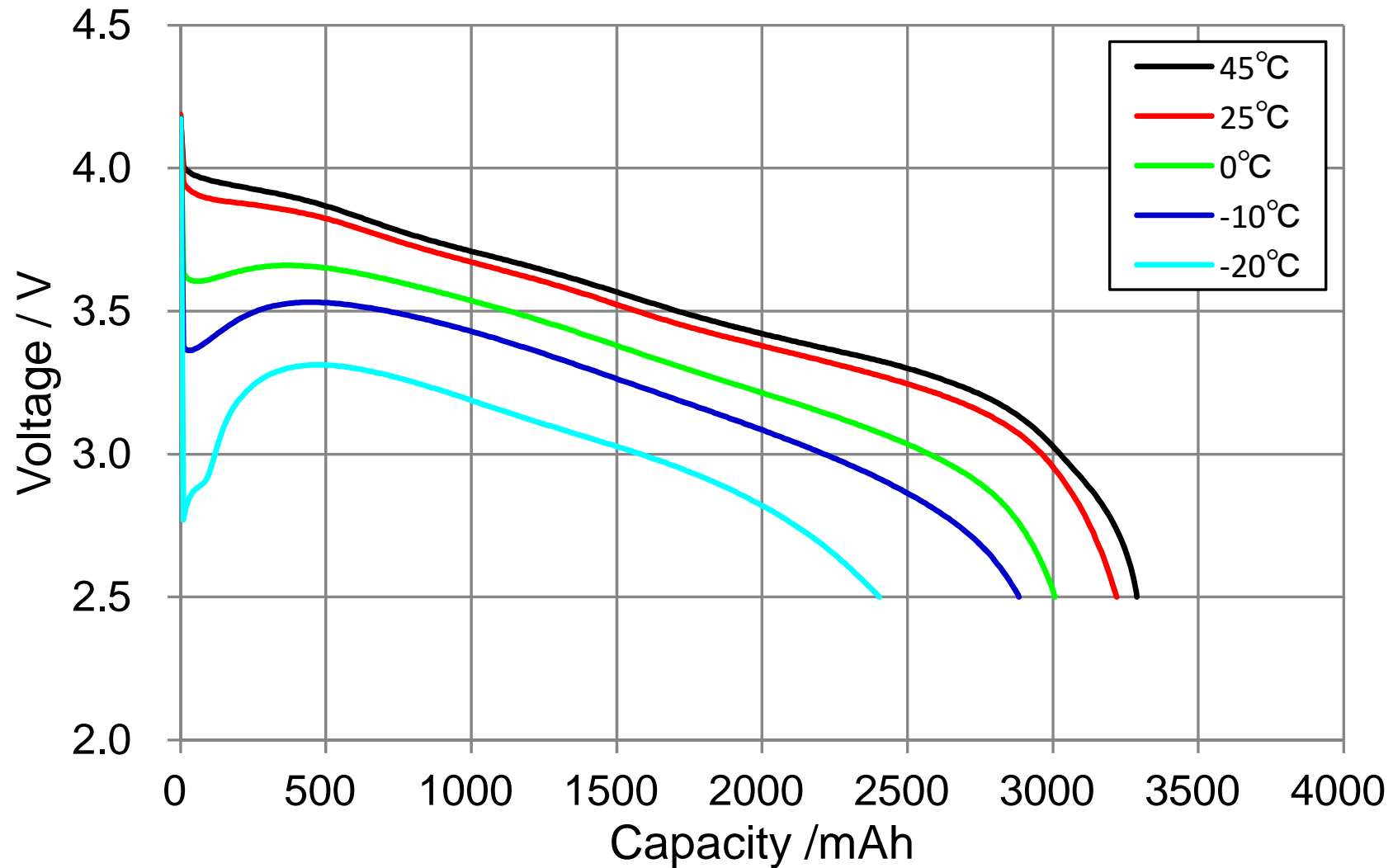
Discharge Characteristics for NCR18650BF



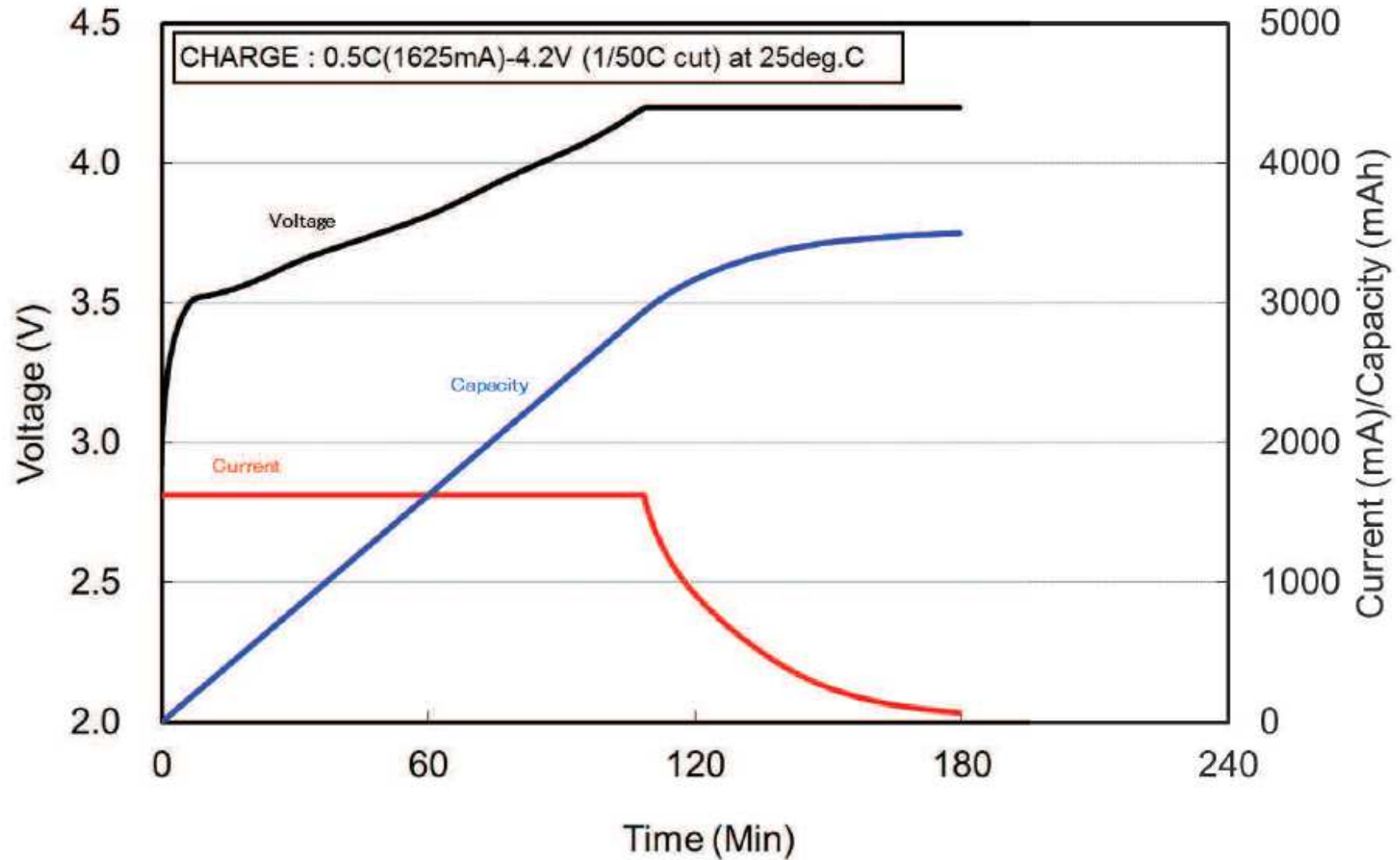
Discharge Characteristics for NCR18650BF

Charge: 1.625A-4.2V (36mA cut) at 25°C

Discharge: 3.25A-2.5V at variable temp.



Charge Characteristics for NCR18650BF



Cycle Characteristics for NCR18650BF

