

# Specifications for NCR18650BF

## Specifications

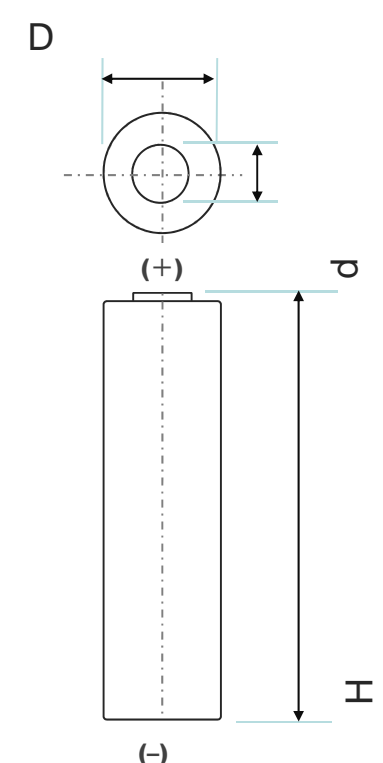
Rated capacity <sup>(1)</sup>		3200mAh
Capacity <sup>(2)</sup>	Minimum	3250mAh
	Typical	3350mAh
Nominal voltage		3.6V
Charging	Method	CC-CV
	Voltage	4.20V
	Current	Std. 1625mA
	Time	Std. 240 min.
Weight (max.)		47.5g
Temperature	Charge	0 to +45° C <sup>(4)</sup>
	Discharge	-20 to +60° C
	Storage	-20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

<sup>(4)</sup> 812mA (0~10°C)

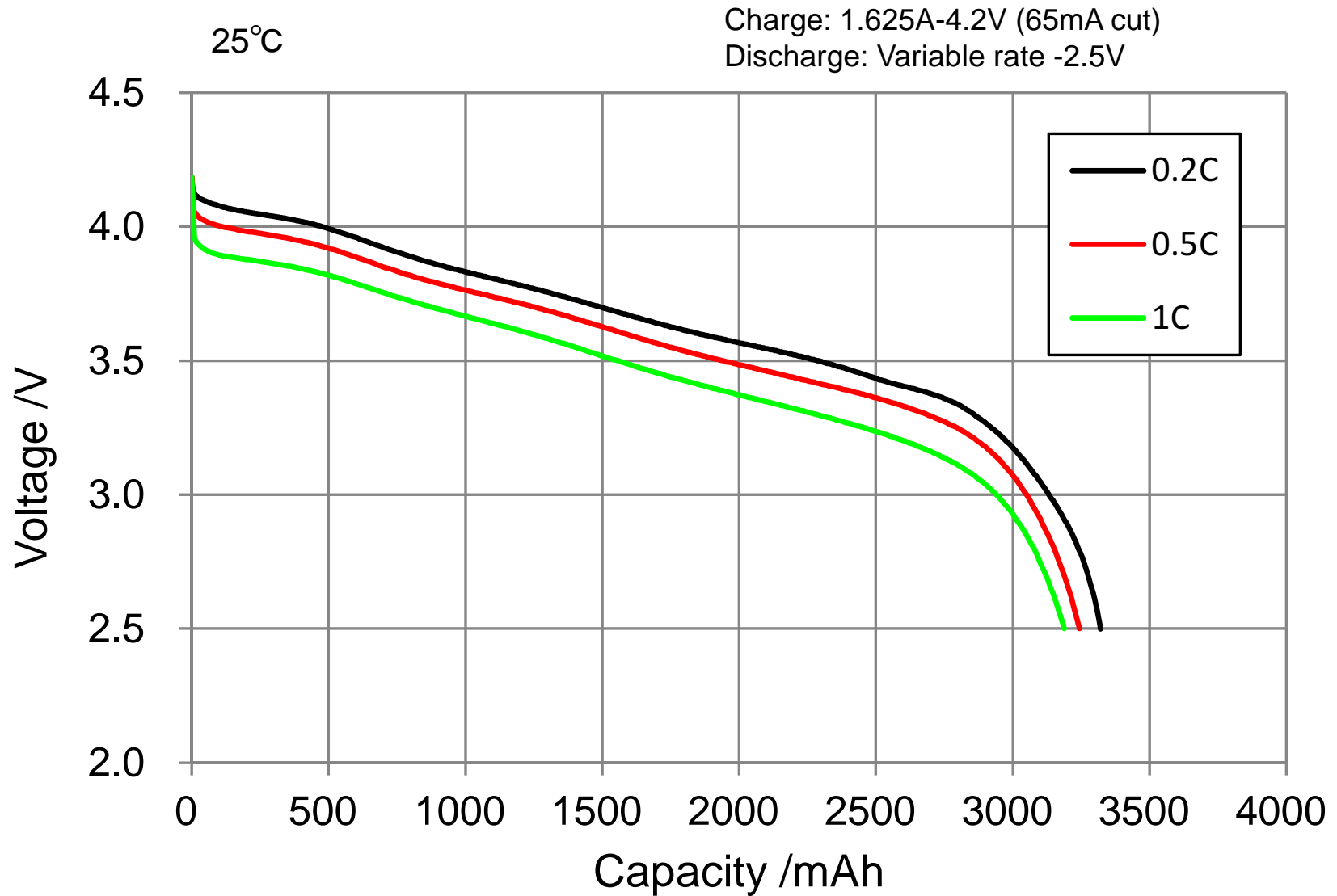
## Dimensions



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.

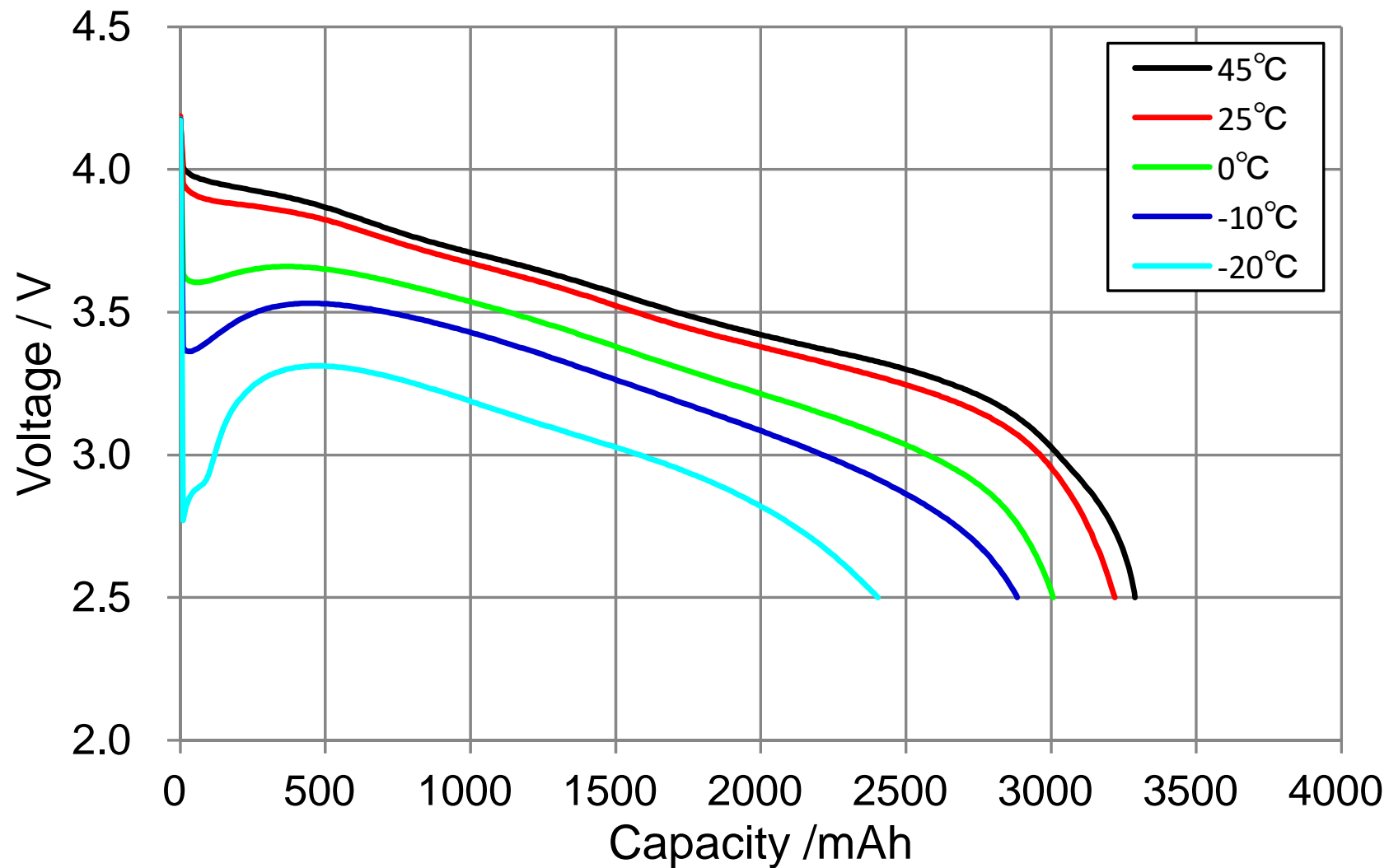
# Discharge Characteristics for NCR18650BF



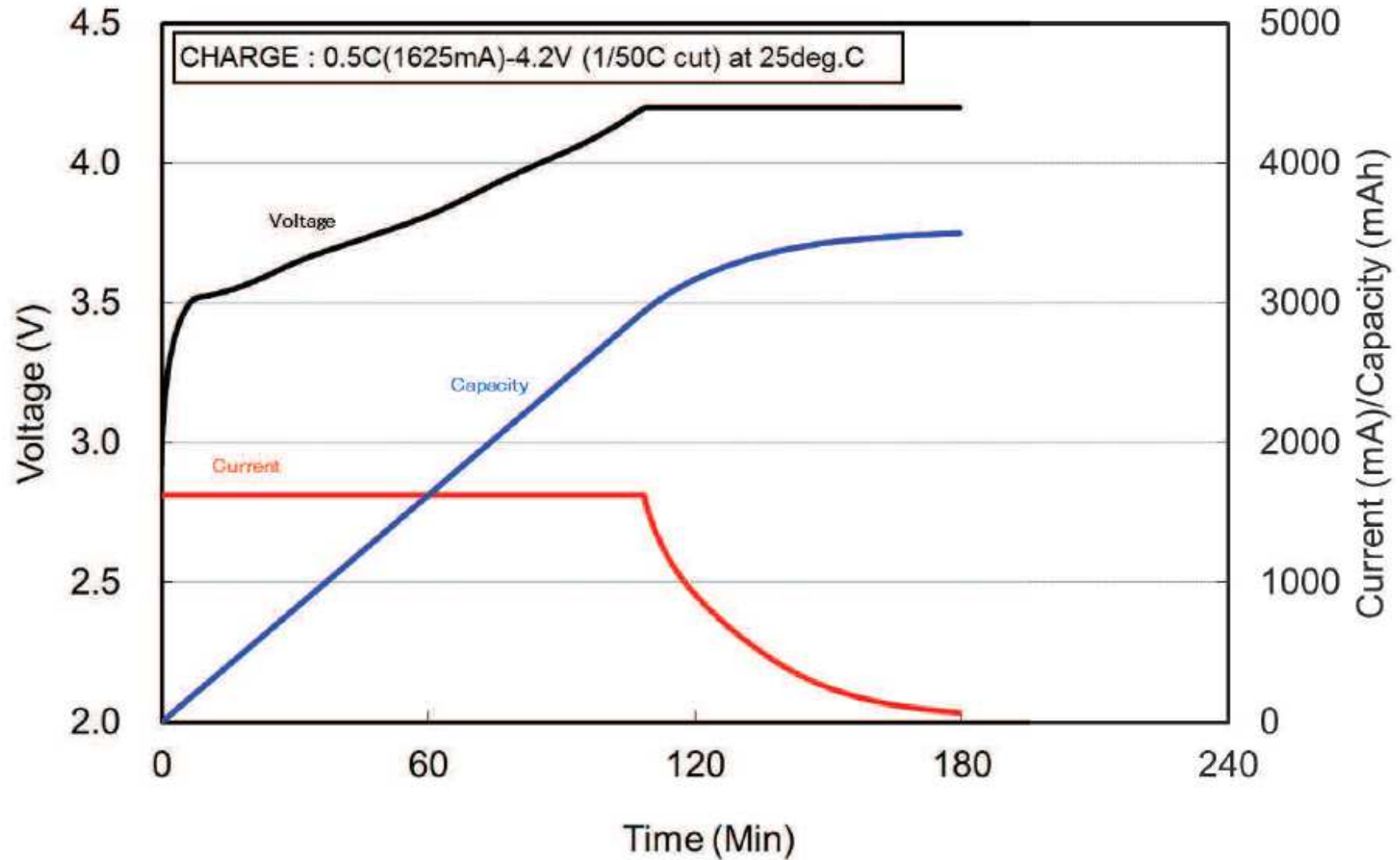
# Discharge Characteristics for NCR18650BF

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

