

# Specifications for UR18650NSX

Specifications		
Rated capacity <sup>(1)</sup>		2500mAh
Capacity <sup>(2)</sup>	Minimum	2500mAh
	Typical	2600mAh
Nominal voltage		3.6V
Charging	Method	CC-CV
	Voltage	4.20V
	Current	Std. 1750mA
	Time	Std. 180min.
Weight (max.)		45.8g
Temperature	Charge	10 to +45° C
	Discharge	-20 to +60° C
	Storage	-20 to +50° C
Energy density <sup>(3)</sup>	Volumetric	512 Wh/l
	Gravimetric	204Wh/kg

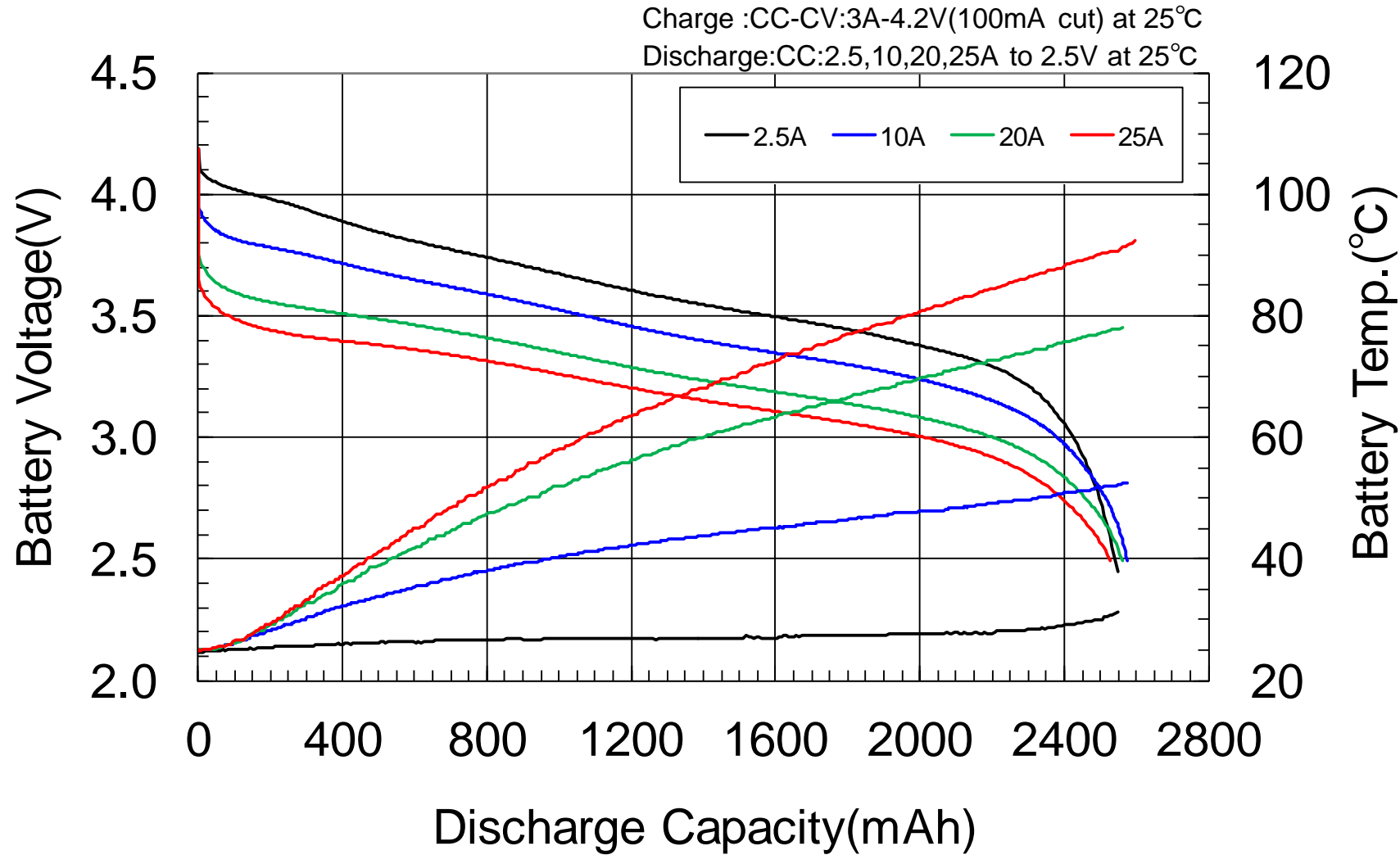
Dimensions		
With tube	H	Max. 65.3mm
	D	Max. 18.5mm
	d	Max. 6.6mm

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

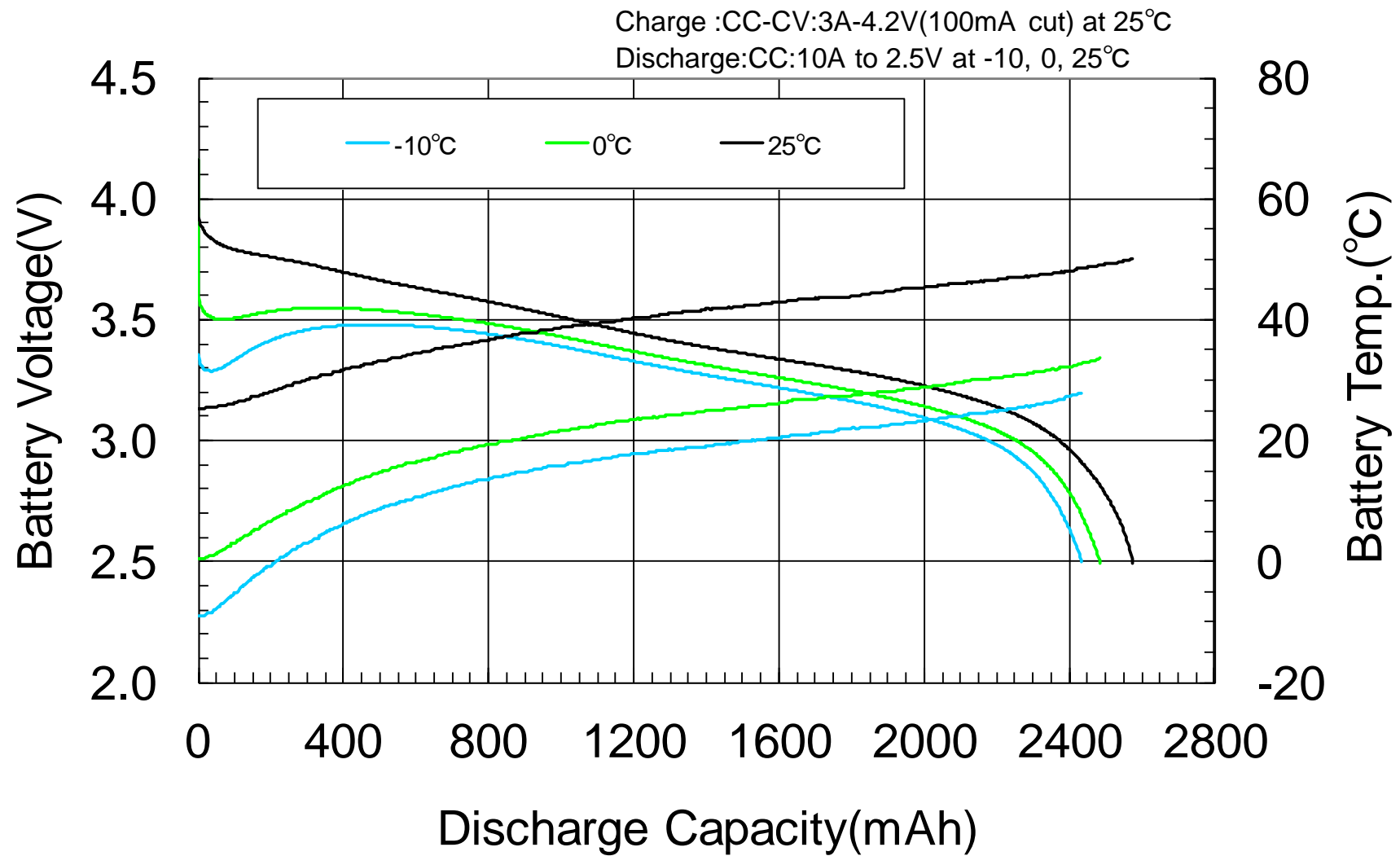
<sup>(3)</sup> Energy density is calculated using bare cell dimensions (without tube).

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

# Discharge rate Characteristics for UR18650NSX



# Low Temp. Characteristics for UR18650NSX



# Cycle Characteristics for UR18650NSX

Charge:CC-CV:5A-4.2V(100mA cut) at 25°C  
Discharge:CC:10, 20A to 2.5V at 25°C

