

Specifications for UR18650NSX

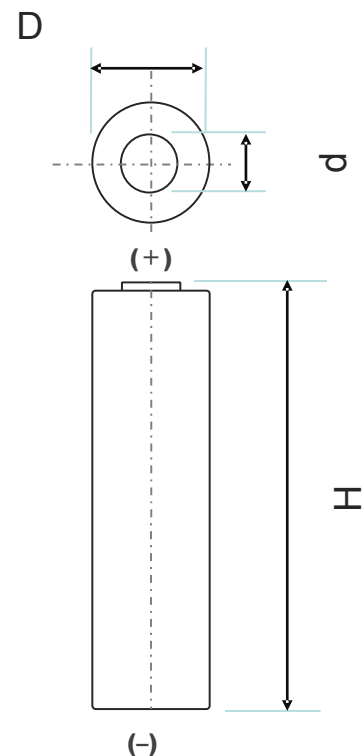
Specifications

Rated capacity ⁽¹⁾		2500mAh
Capacity ⁽²⁾	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 ⁽³⁾	Volumetric	512 Wh/l
	Gravimetric	204Wh/kg

⁽¹⁾ At 20° C ⁽²⁾ At 25° C

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

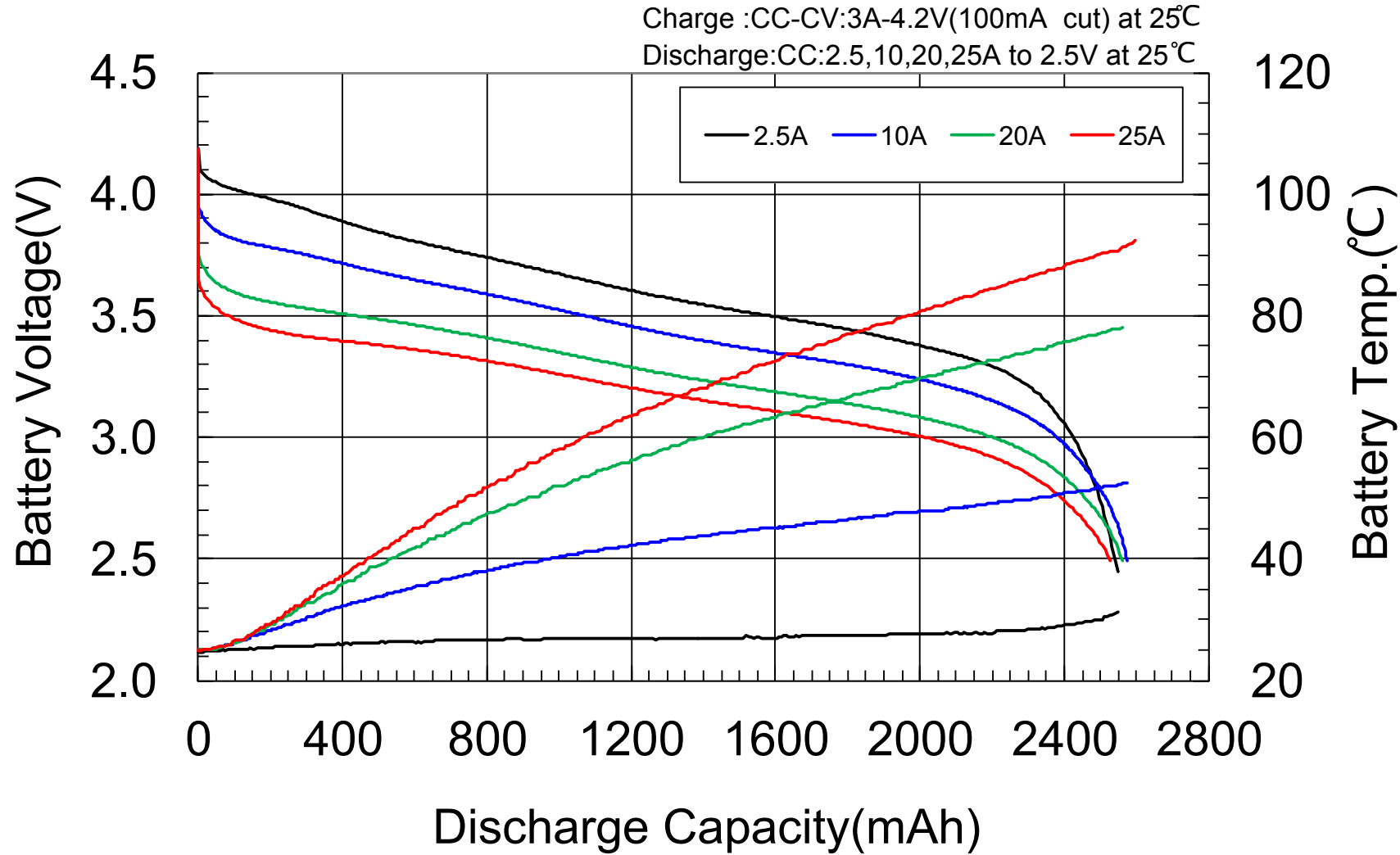
Dimensions



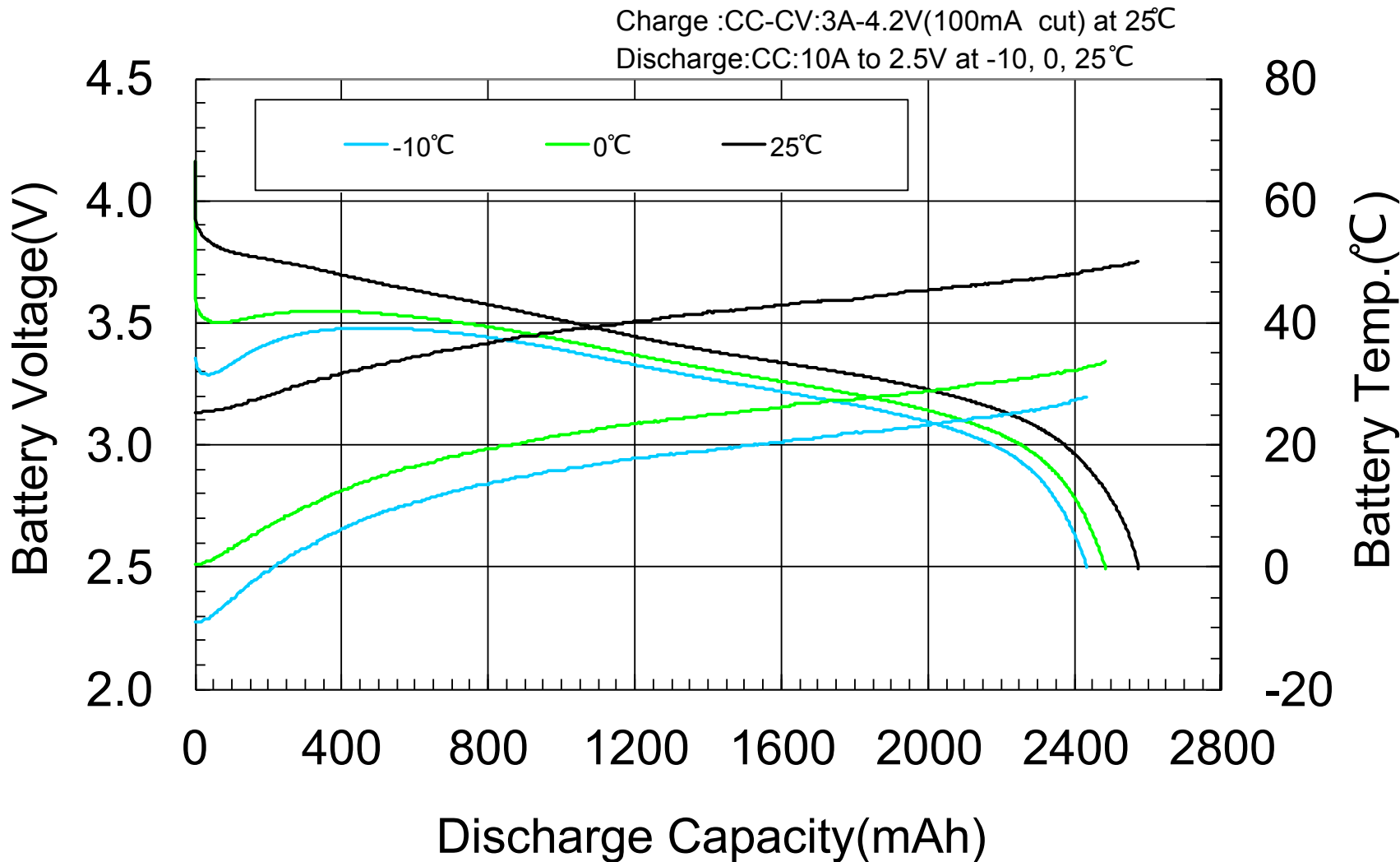
With tube	H	Max. 65.3mm
	D	Max. 18.5mm
	d	Max. 6.6mm

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

