

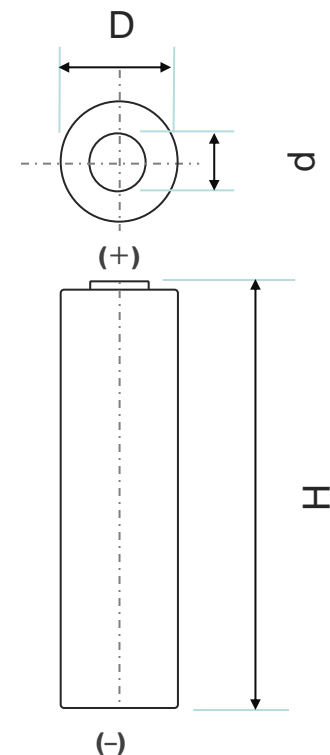
# General specification of NCR18500A

## Specifications

Rated capacity		1900mAh
Capacity	Minimum	1940mAh
	Typical	2040mAh
Nominal voltage		3.6V
Charging	Method	CC-CV
	Voltage	4.20V
	Current	Std. 1358mA
	Time	Std. 180 min.
Weight (max.)		33.5g
Temperature	Charge	10 to +45°C
	Discharge	-20 to +60°C
	Storage	-20 to +50°C
Energy density <sup>(1)</sup>	Volumetric	536 Wh/l
	Gravimetric	204 Wh/kg

<sup>(1)</sup> Energy density is calculated using bare cell dimensions (without tube).

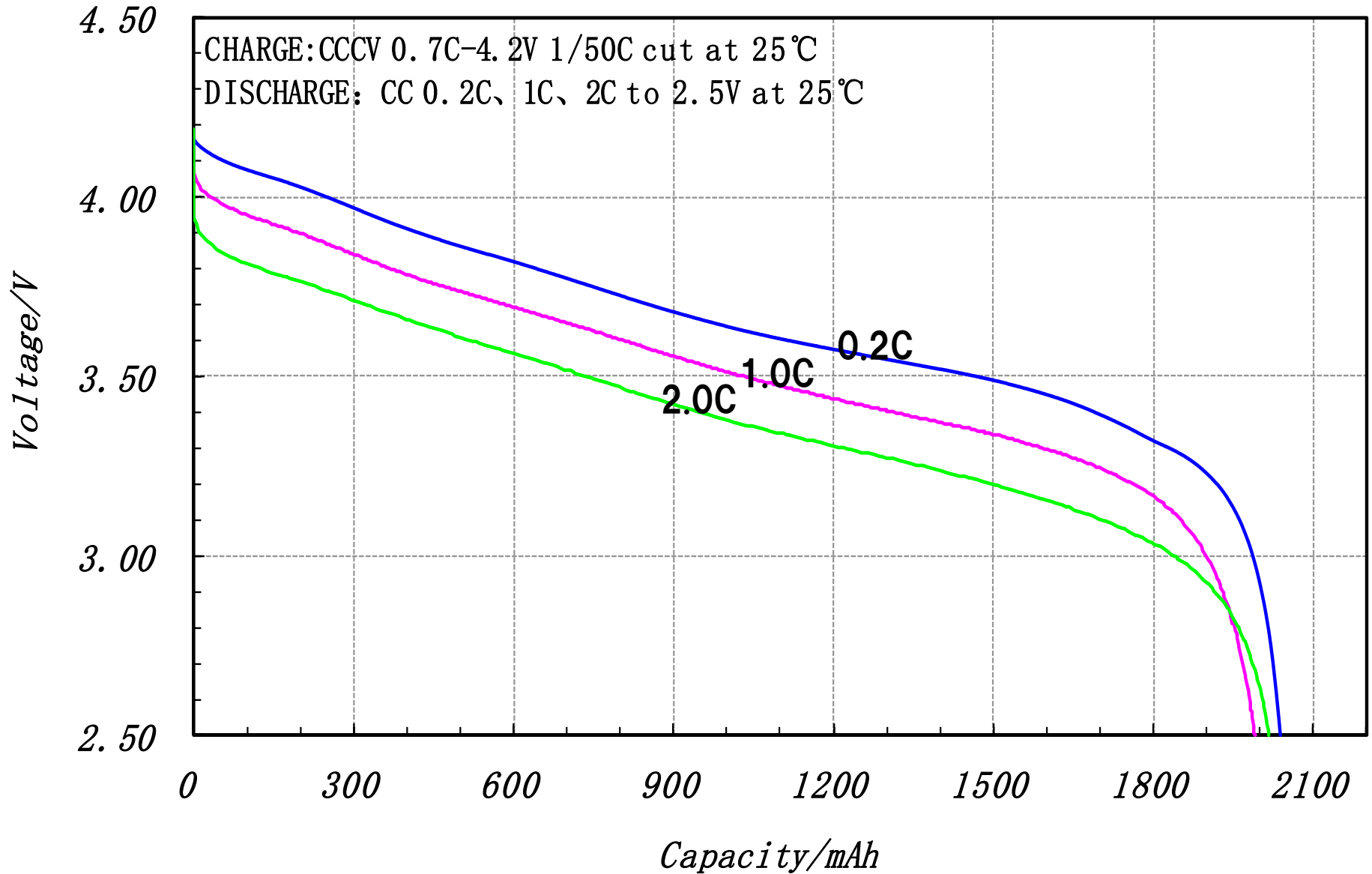
## Dimensions



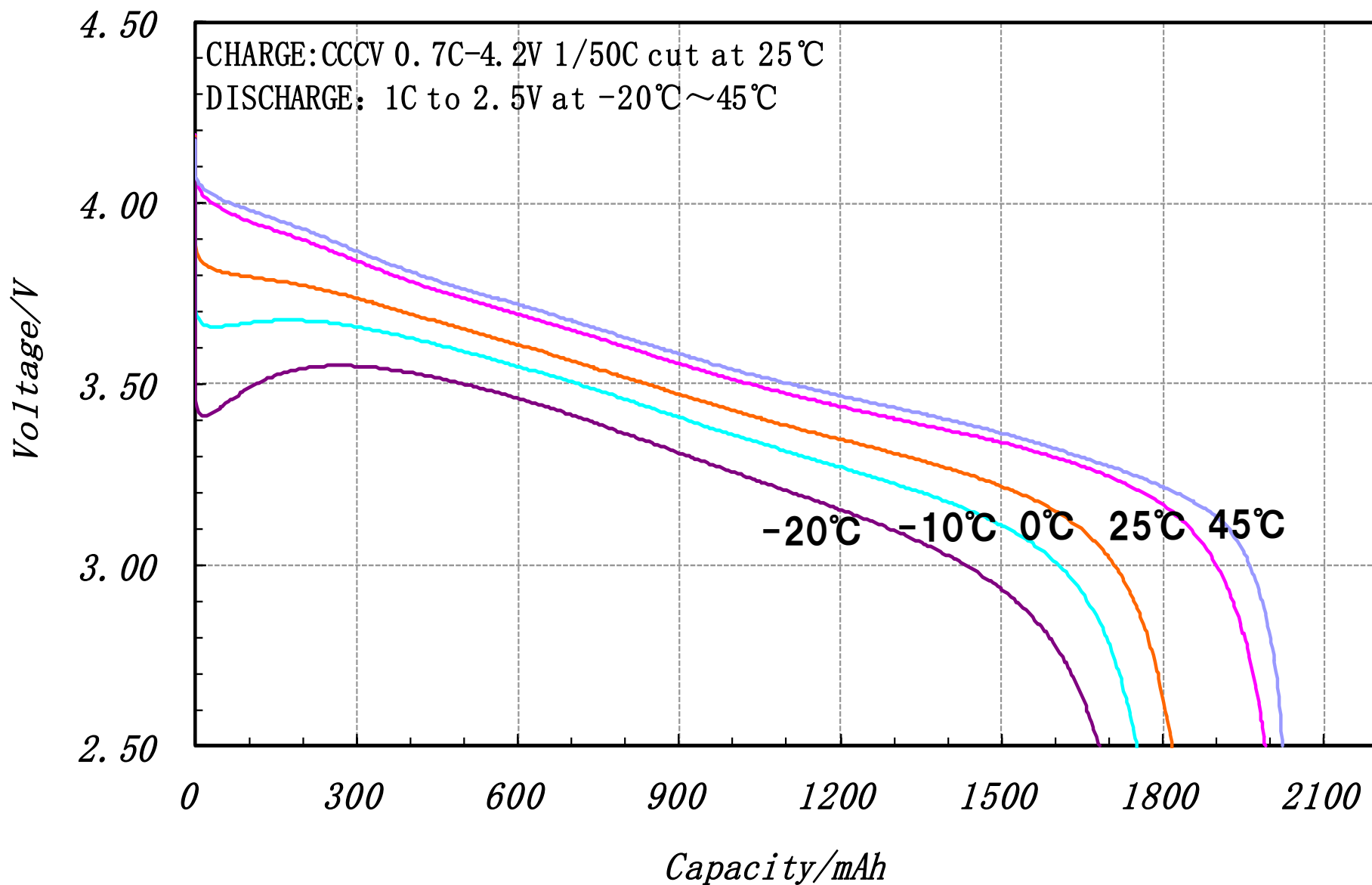
With tube	H	Max. 49.36mm
	D	Max. 18.40mm
	d	8.05mm

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

# Discharge Rate Characteristics for NCR18500A



# Discharge Temp. Characteristics for NCR18500A



# Cycle Characteristics for NCR18500A

Charge :CC-CV:1358mA-4.2V(39mA cut) at 25°C

Discharge:CC:1940mA to 2.5V at 25°C

