

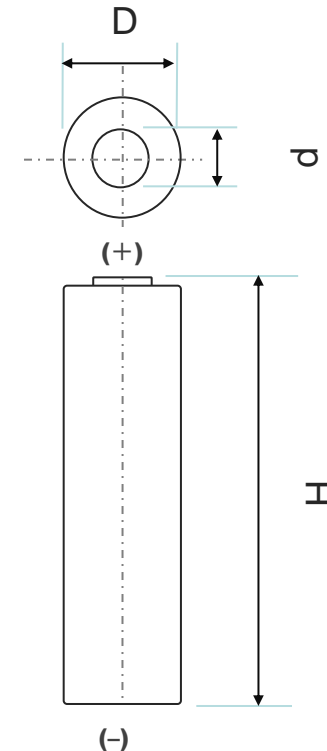
General specification of NCR18500A

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 ⁽¹⁾ | Volumetric | 536 Wh/l |
| | Gravimetric | 204 Wh/kg |

⁽¹⁾ Energy density is calculated using bare cell dimensions (without tube).

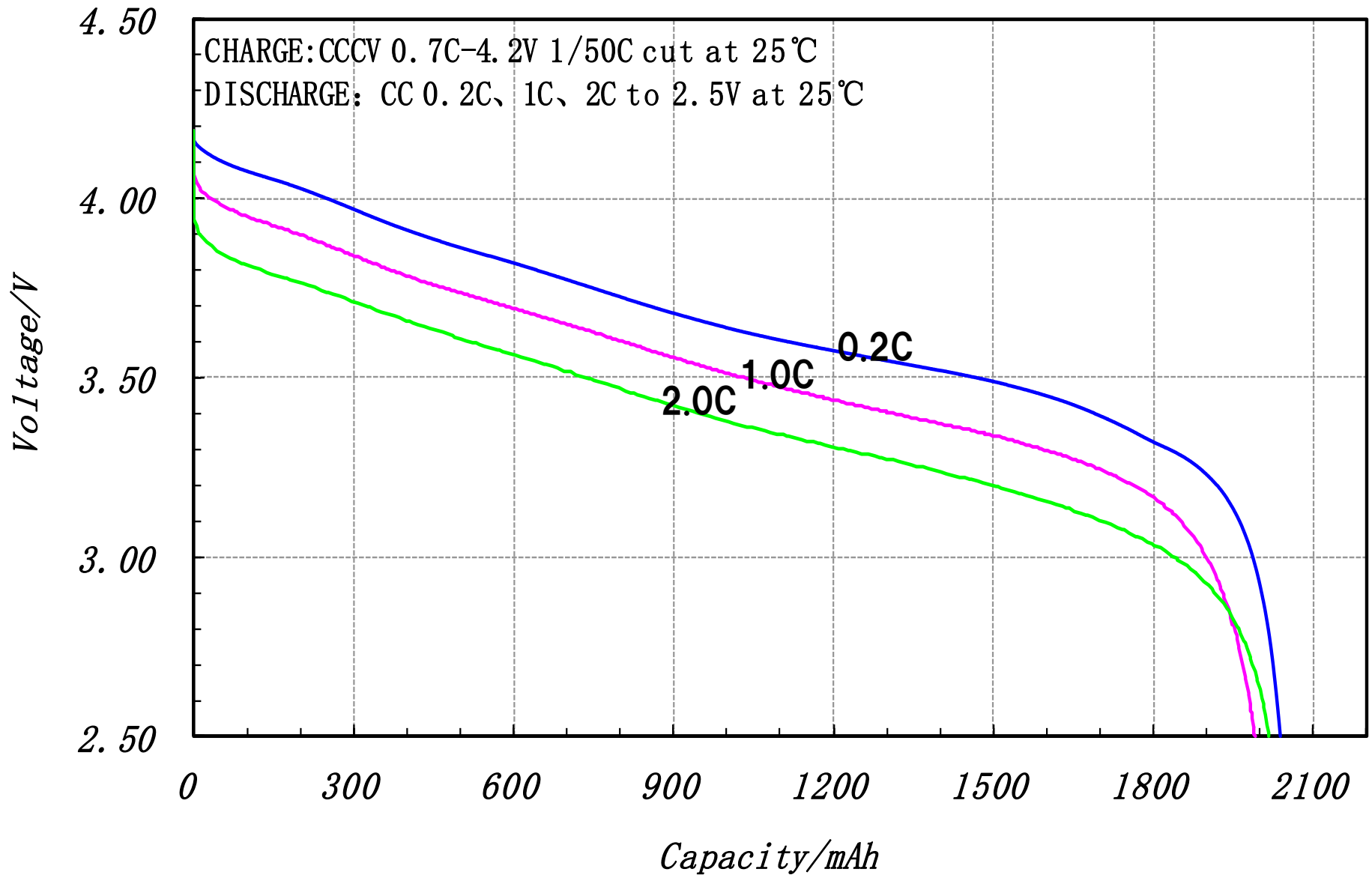
Dimensions



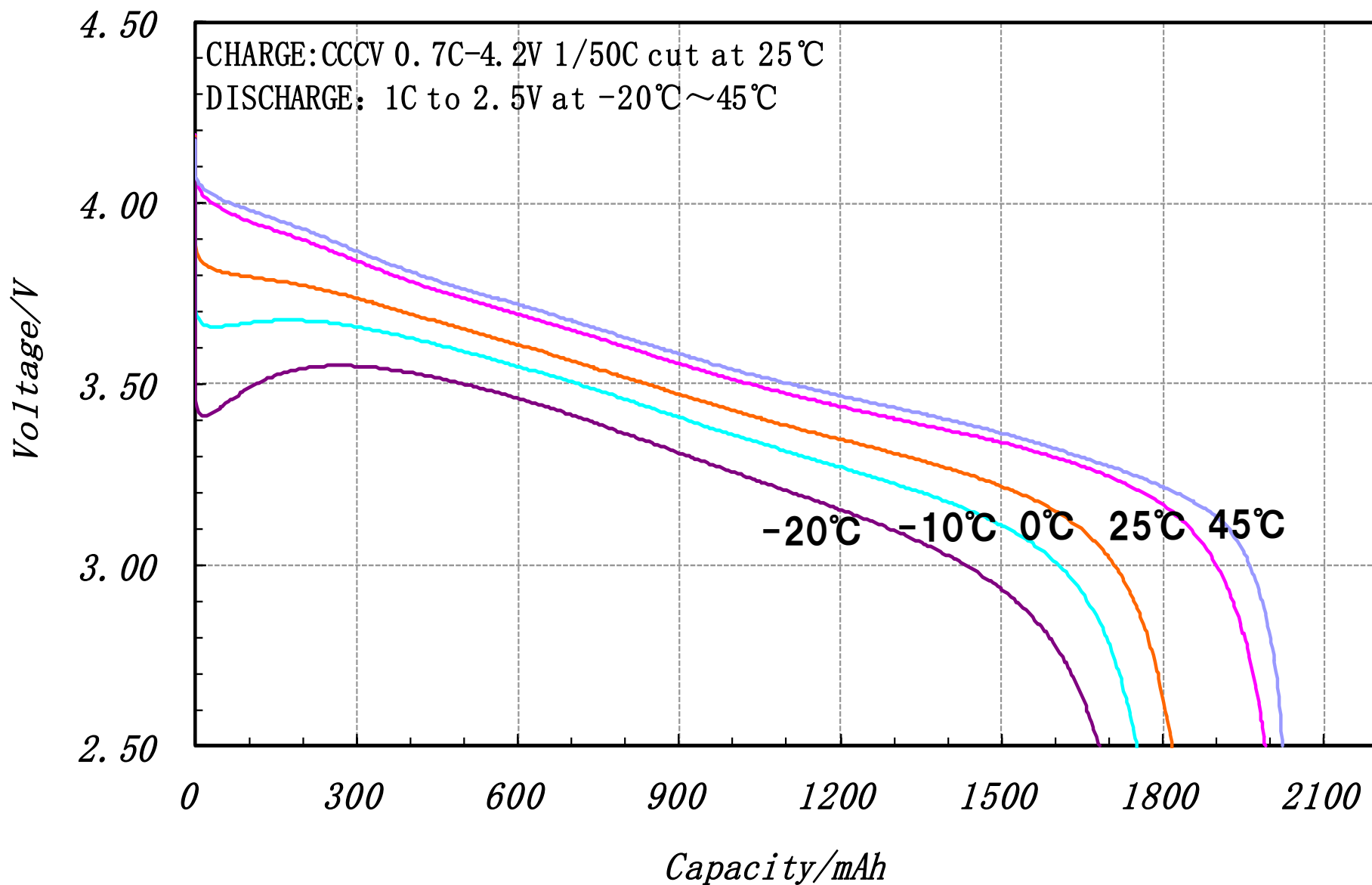
| | | |
|-----------|---|--------------|
| With tube | H | Max. 49.36mm |
| | D | Max. 18.40mm |
| | d | 8.05mm |

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

