

# Specifications for NCR18650GA

| Specifications                |             |               |
|-------------------------------|-------------|---------------|
| Rated capacity <sup>(1)</sup> |             | 3300mAh       |
| Capacity <sup>(2)</sup>       | Minimum     | 3350mAh       |
|                               | Typical     | 3450mAh       |
| Nominal voltage               |             | 3.6V          |
| Charging                      | Method      | CC-CV         |
|                               | Voltage     | 4.20V         |
|                               | Current     | Std. 1475mA   |
|                               | Time        | Std. 270 min. |
| Weight (max.)                 |             | 48.0g         |
| Temperature                   | Charge      | 10 to +45° C  |
|                               | Discharge   | -20 to +60° C |
|                               | Storage     | -20 to +50° C |
| Energy density <sup>(3)</sup> | Volumetric  | 693 Wh/l      |
|                               | Gravimetric | 224 Wh/kg     |

| Dimensions |   |              |
|------------|---|--------------|
|            |   |              |
| With tube  | H | Max. 65.30mm |
|            | D | Max. 18.50mm |
|            | d | Max. 9.0mm   |

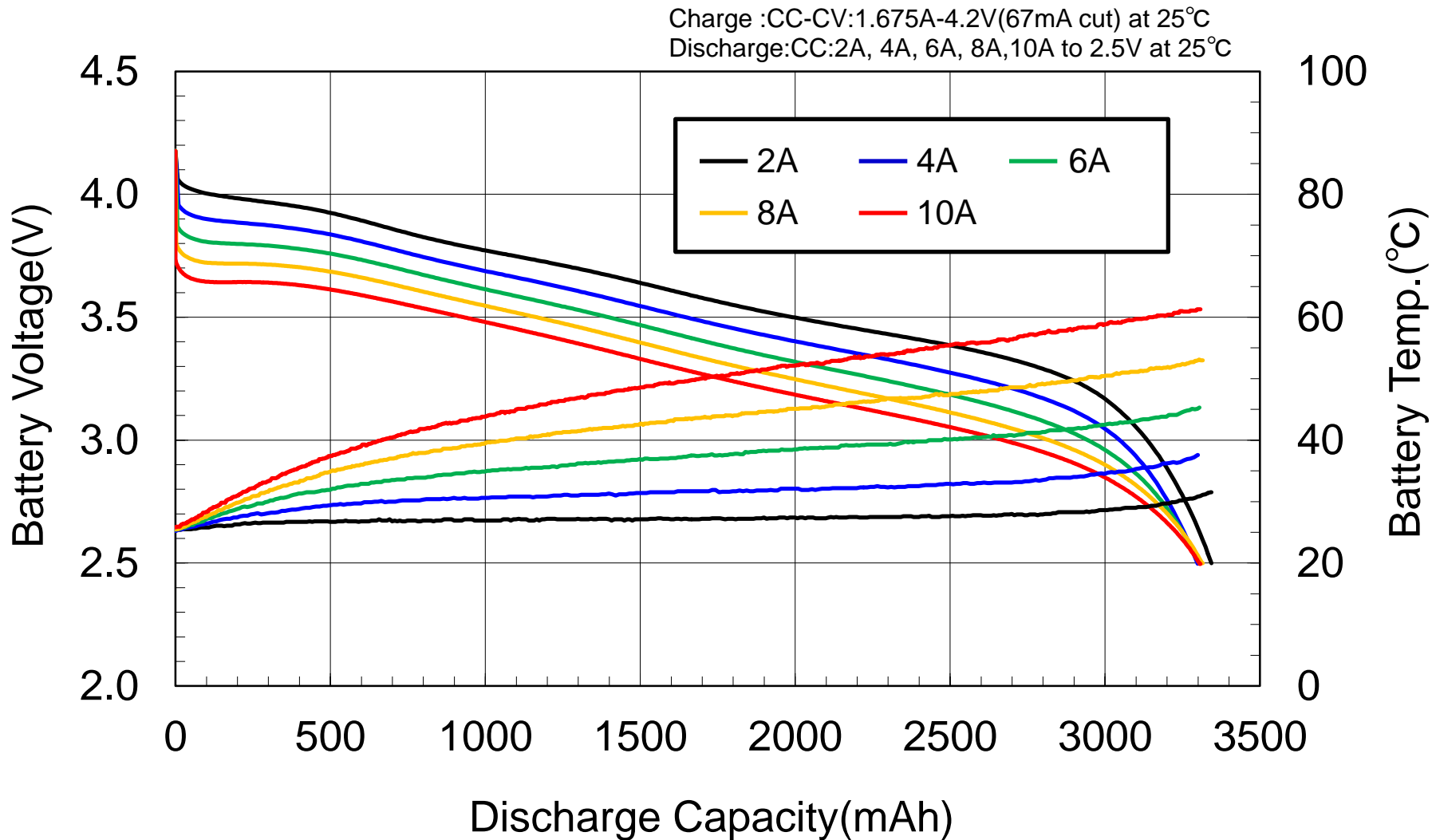
<sup>(1)</sup> At 20° C <sup>(2)</sup> At 25° C

<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 of NCR18650GA



## 4A discharge

Charge :CC-CV:1.675A - 4.2V(67mA cut) at 25°C  
Discharge:CC:4A to 2.5V at 25°C, 10°C, 0°C, -10°C,

