

Specifications for NCR18650GA

| Specifications | | |
|-------------------------------|-------------|---------------|
| Rated capacity ⁽¹⁾ | | 3300mAh |
| Capacity ⁽²⁾ | 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 ⁽³⁾ | Volumetric | 693 Wh/l |
| | Gravimetric | 224 Wh/kg |

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

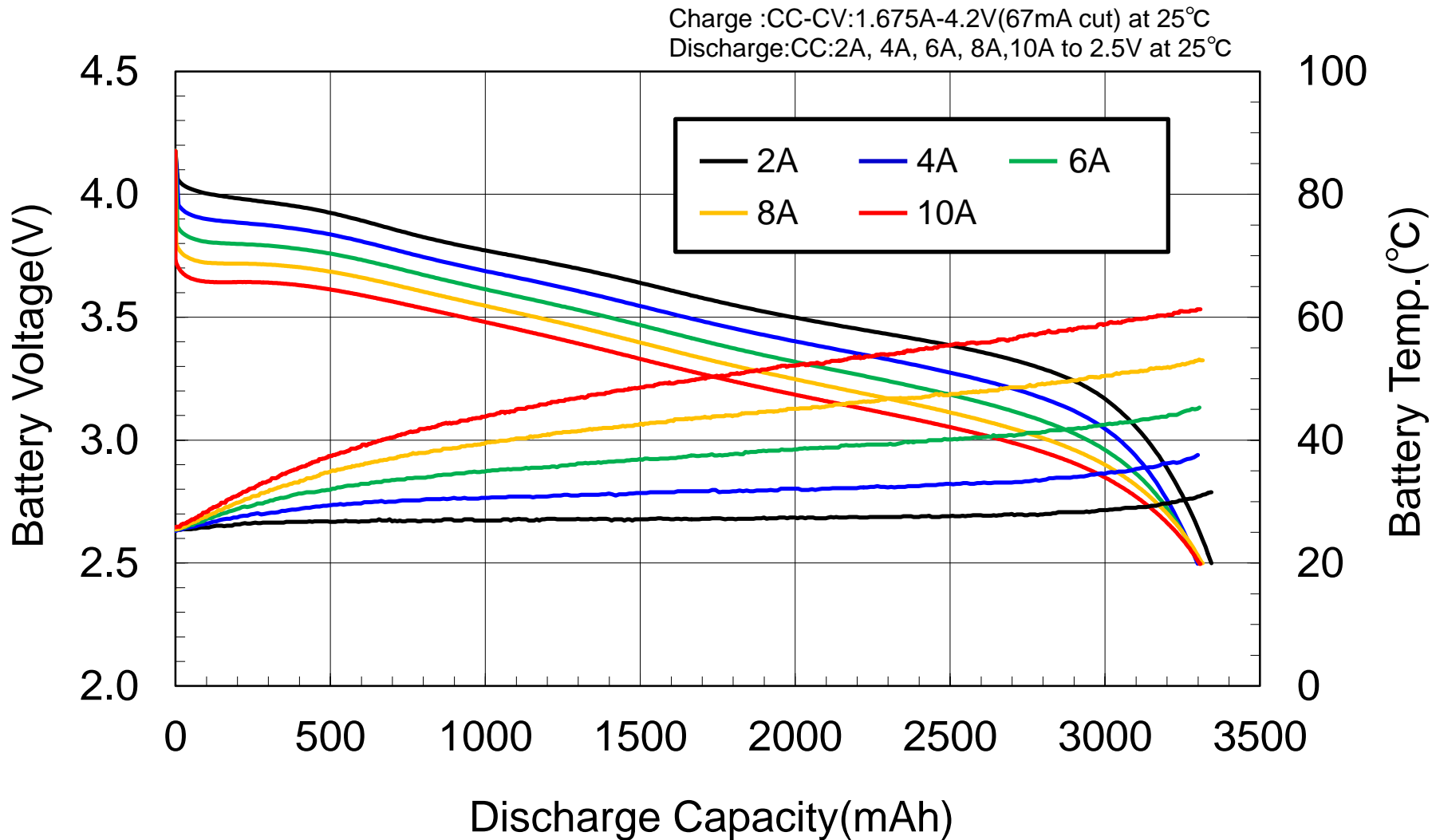
⁽¹⁾ At 20° C ⁽²⁾ At 25° C

⁽³⁾ 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,

