

# 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

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

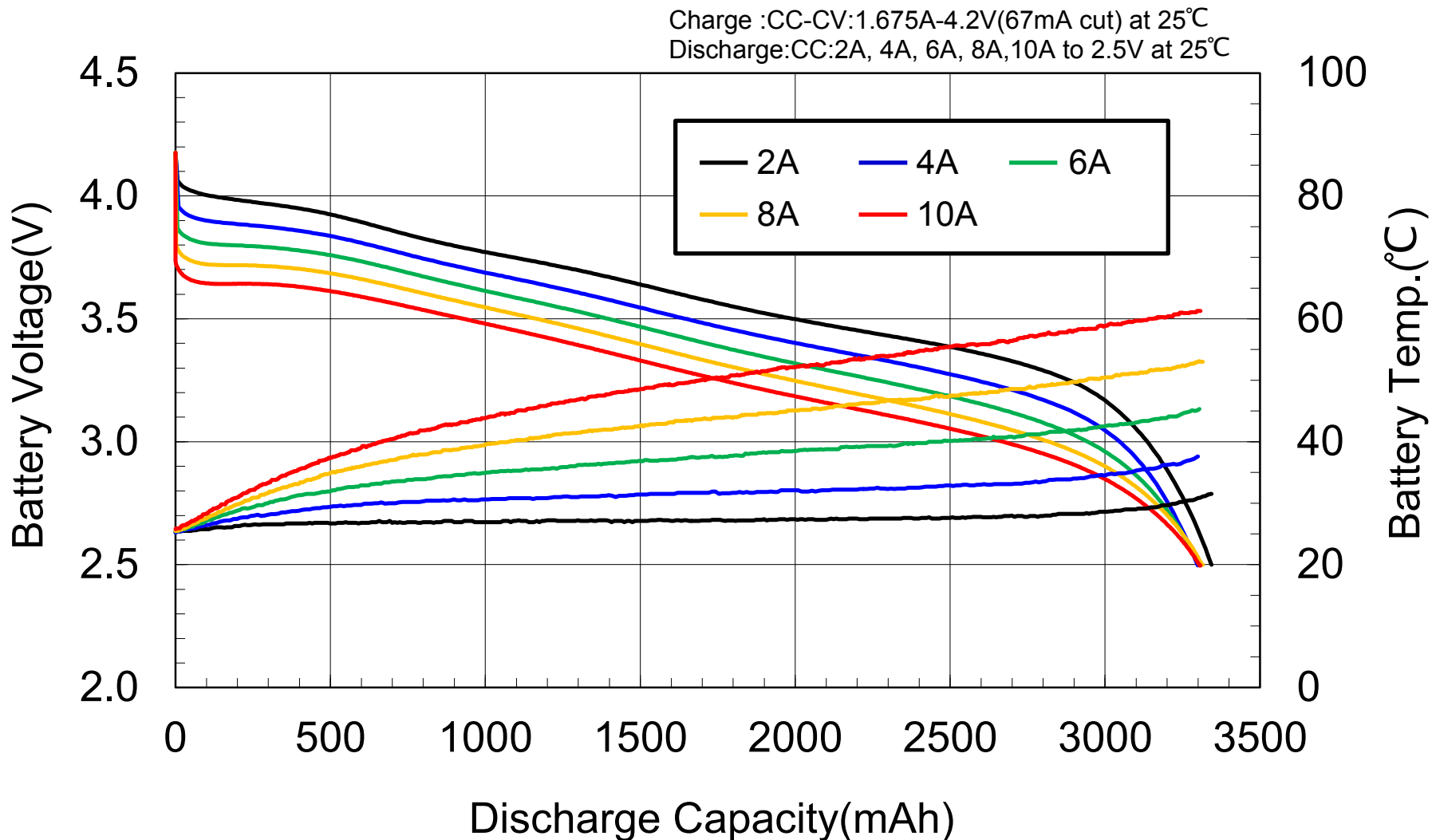
<sup>(3)</sup> Energy density is calculated using bare cell dimensions (without tube).

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

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

**Panasonic**

# 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,

