## **Panasonic**

# Lithium Ion NCR18650B

#### Features & Benefits

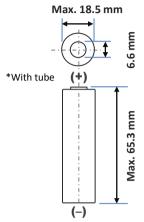
- High energy density
- Long stable power and long run time
- Ideal for notebook PCs, boosters, portable devices, etc.

#### **Specifications**

Rated capacity <sup>(1)</sup>	Min. 3200mAh
Capacity <sup>(2)</sup>	Min. 3250mAh Typ. 3350mAh
Nominal voltage	3.6V
Charging	CC-CV, Std. 1625mA, 4.20V, 4.0 hrs
Weight (max.)	48.5 g
Temperature	Charge*: 0 to +45°C Discharge: -20 to +60°C Storage: -20 to +50°C
Energy density <sup>(3)</sup>	Volumetric: 676 Wh/l Gravimetric: 243 Wh/kg

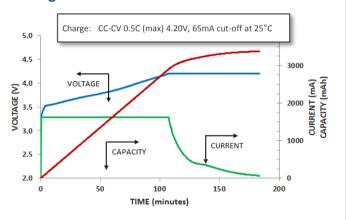
 $^{(1)}$  At 20°C  $^{(2)}$  At 25°C  $^{(3)}$  Energy density based on bare cell dimensions

#### **Dimensions**

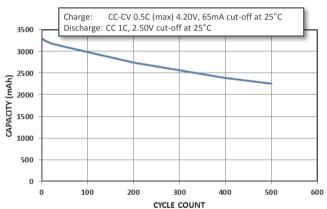


For Reference Only

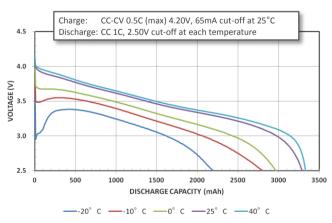
#### **Charge Characteristics**



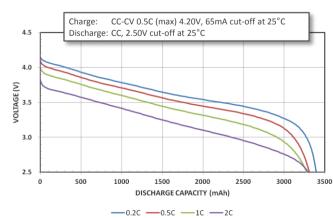
### Cycle Life Characteristics



#### **Discharge Characteristics (by temperature)**



#### Discharge Characteristics (by rate of discharge)



The data in this document is for descriptive purposes only and is not intended to make or imply any guarantee or warranty.

<sup>\*</sup> At temperatures below 10°C, charge at a 0.25C rate.