

# Panasonic

# Lithium Ion NCR18650B

## Features & Benefits

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

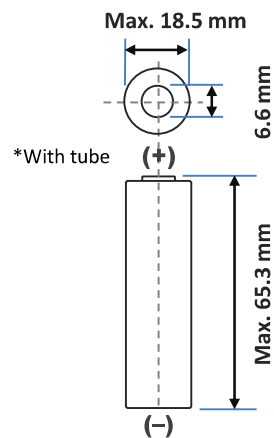
## Specifications

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

\* At temperatures below 10°C, charge at a 0.25C rate.

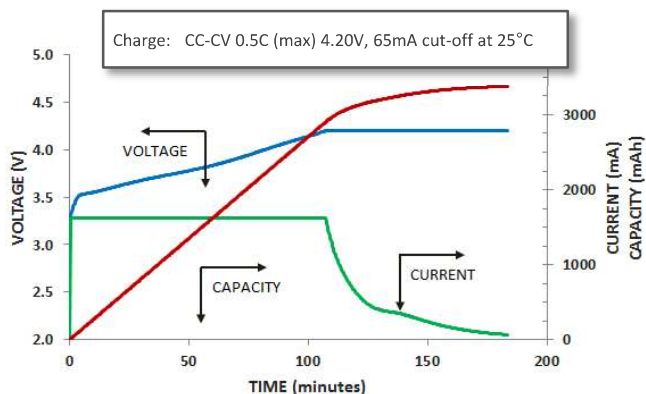
(1) At 20°C (2) At 25°C (3) Energy density based on bare cell dimensions

## Dimensions

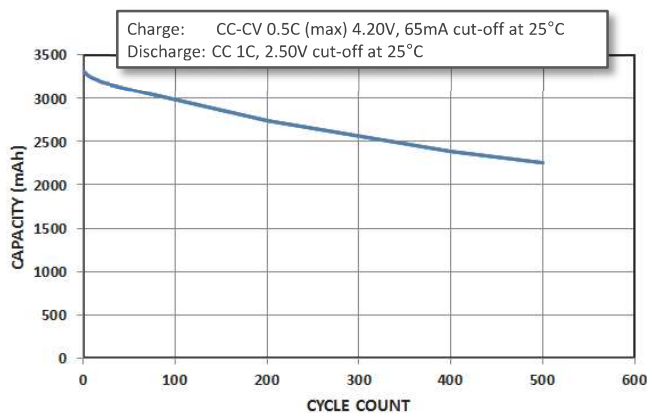


For Reference Only

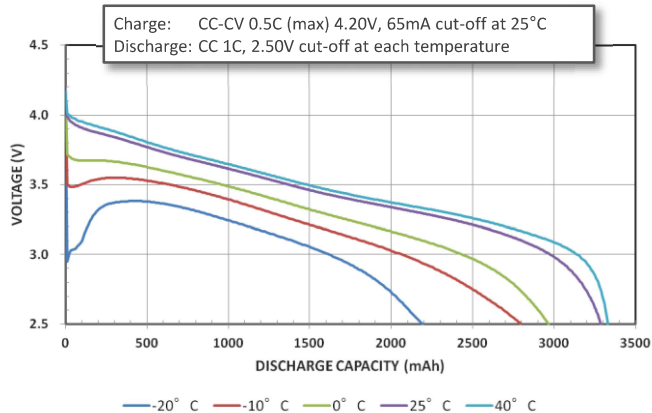
## Charge Characteristics



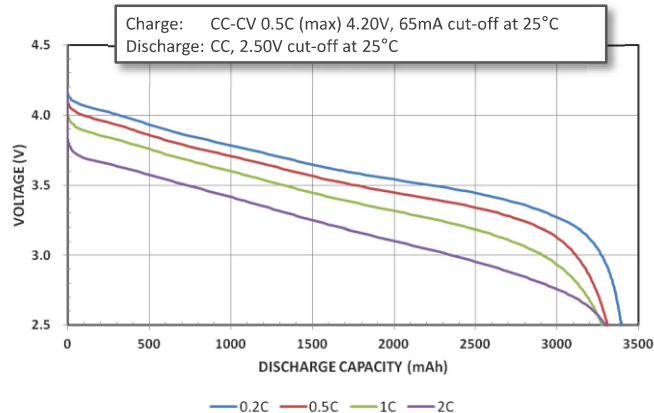
## Cycle Life Characteristics



## Discharge Characteristics (by temperature)



## Discharge Characteristics (by rate of discharge)



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For more information on how Panasonic can assist you with your battery power solution needs, visit us at [www.panasonic.com/industrial/batteries-oem](http://www.panasonic.com/industrial/batteries-oem), e-mail [secsales@us.panasonic.com](mailto:secsales@us.panasonic.com), or call (469) 362-5600.