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Panasonic

Lithium Ion NCR18650A

Features & Benefits

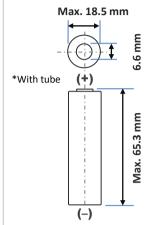
- · High energy density
- Long stable power and long run time
- Ideal for notebook PCs, boosters, portable devices, etc.

Specifications

Rated capacity ⁽¹⁾	Min. 2900mAh
Capacity ⁽²⁾	Min. 2950mAh Typ. 3070mAh
Nominal voltage	3.6V
Charging	CC-CV, Std. 1475mA, 4.20V, 4.0 hrs
Weight (max.)	47.5 g
Temperature	Charge*: 0 to +45°C Discharge: -20 to +60°C Storage: -20 to +50°C
Energy density ⁽³⁾	Volumetric: 620 Wh/l Gravimetric: 225 Wh/kg

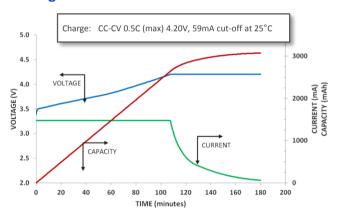
 $^{(1)}$ At 20°C $^{(2)}$ At 25°C $^{(3)}$ Energy density based on bare cell dimensions

Dimensions

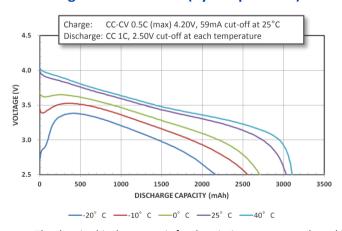


For Reference Only

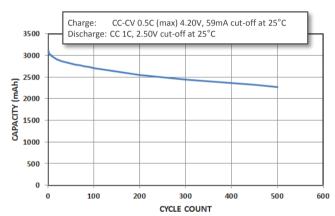
Charge Characteristics



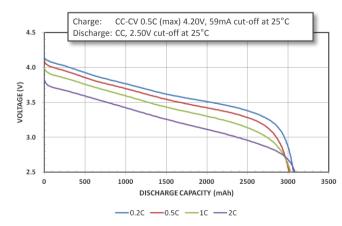
Discharge Characteristics (by temperature)



Cycle Life Characteristics



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.

^{*} At temperatures below 10°C, charge at a 0.25C rate.