



# Panasonic

# Lithium Ion NCR18650PF

### Features & Benefits

- High energy and power density
- Long, stable, high power
- High safety performance
- Ideal for power assisted bicycles, 2-way radios, medical devices and robotics.

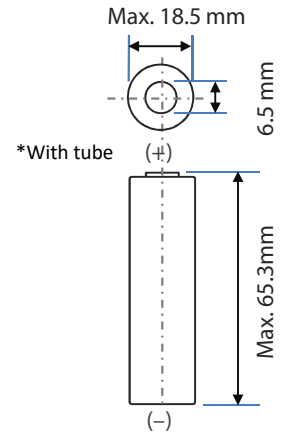
\* Attemperatures below 10 °C, charge at a 0.25C rate.

### Specifications

Rated capacity <sup>(1)</sup>	Min. 2700mAh
Capacity <sup>(2)</sup>	Min. 2750mAh Typ. 2900mAh
Nominal voltage	3.6V
Charging	CC-CV, Std. 1375mA, 4.20V, 4.0 hrs
Weight (max.)	48.0 g
Temperature	Charge*: 0 to +45°C Discharge: -20 to +60°C Storage: -20 to +50°C
Energy density <sup>(3)</sup>	Volumetric: 577 Wh/l Gravimetric: 207 Wh/kg

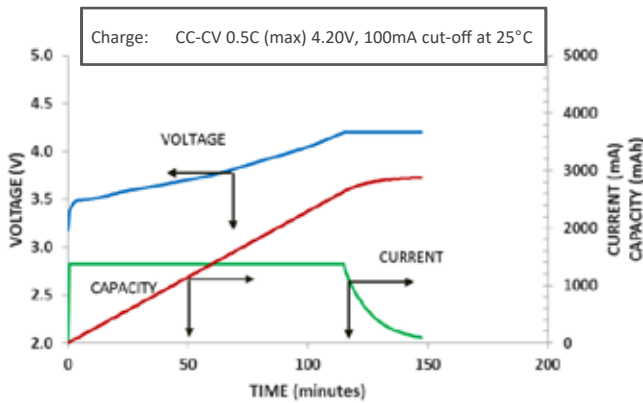
<sup>(1)</sup> At 20°C <sup>(2)</sup> At 25°C <sup>(3)</sup> Energy density based on bare cell dimensions

### Dimensions

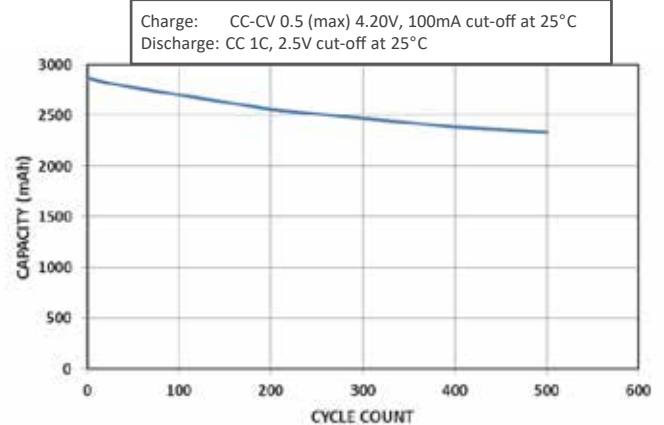


For Reference Only

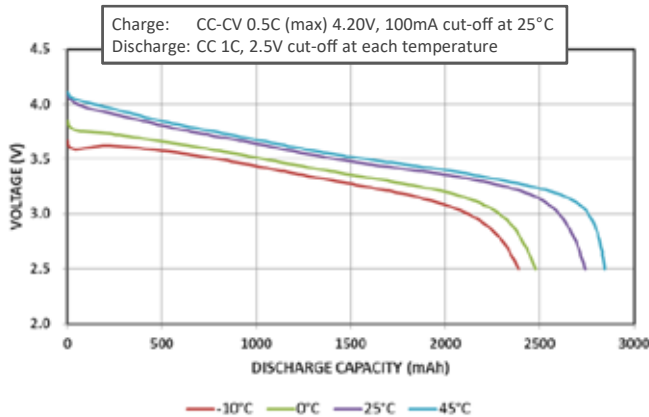
### Charge Characteristics



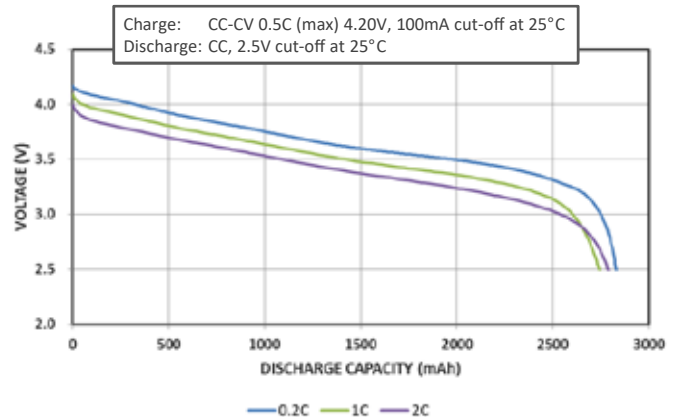
### Cycle Life Characteristics



### Discharge Characteristics (by temperature)



### Discharge Characteristics (by rate of discharge)



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