## Panasonic

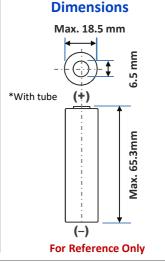
# Lithium Ion NCR18650PF

#### **Features & Benefits**

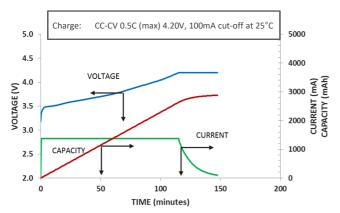
- High energy and power density
- Long, stable, high power
- High safety performance
- Ideal for power assisted bicycles, 2-way radios, medical devices and robotics.
- \* At temperatures below 10°C, charge at a 0.25C rate.

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

**Specifications** 

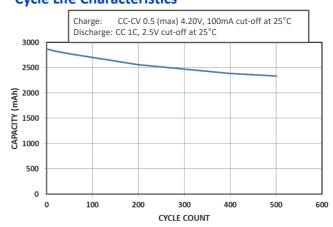


#### **Charge Characteristics**

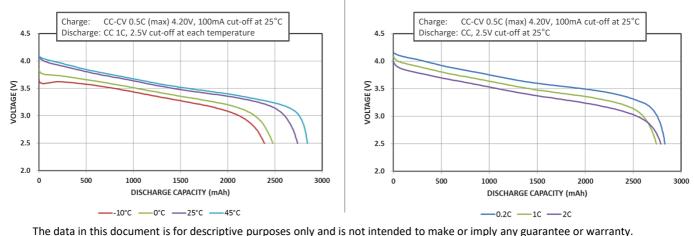


#### **Discharge Characteristics (by temperature)**

### Cycle Life Characteristics



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



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