Lithium Ion NCR18650F

Panasonic

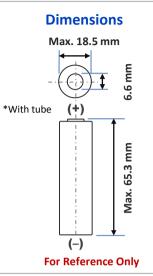
Specifications

Features & Benefits

- High energy density
- Long stable power and long run time
- Superior low temperature performance
- Ideal for 2 way radios, handy terminals, outdoor products, etc.

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Rated capacity ⁽¹⁾	Min. 2700mAh
Capacity ⁽²⁾	Min. 2750mAh Typ. 2900mAh
Nominal voltage	3.6V
Charging	CC-CV, Std. 1375mA, 4.20V, 4.0 hrs
Weight (max.)	46.5 g
Temperature	Charge*:0 to +45°CDischarge:-20 to +60°CStorage:-20 to +50°C
Energy density ⁽³⁾	Volumetric: 577 Wh/l Gravimetric: 214 Wh/kg

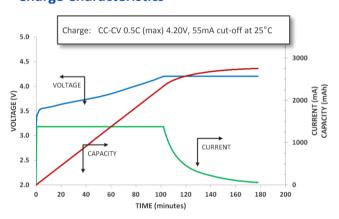
 $^{(1)}$ At 20°C $^{(2)}$ At 25°C $^{(3)}$ Energy density based on bare cell dimensions



Charge Characteristics

* At temperatures below 10°C.

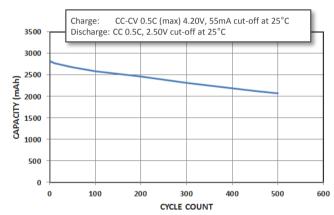
charge at a 0.25C rate.



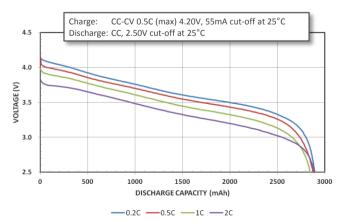
CC-CV 0.5C (max) 4.20V, 55mA cut-off at 25°C Charge: 4.5 Discharge: CC 1C, 2.50V cut-off at each temperature 4.0 VOLTAGE (V) 3.0 2.5 0 500 1000 1500 2000 2500 3000 DISCHARGE CAPACITY (mAh)

Discharge Characteristics (by temperature)

Cycle Life Characteristics



Discharge Characteristics (by rate of discharge)



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