



Panasonic ideas for life

Lithium Ion UR18650ZTA

Features & Benefits

- High energy density and voltage
- Long, stable power with a flat discharge voltage
- Ideal for portable communications, portable computing, and robotics.

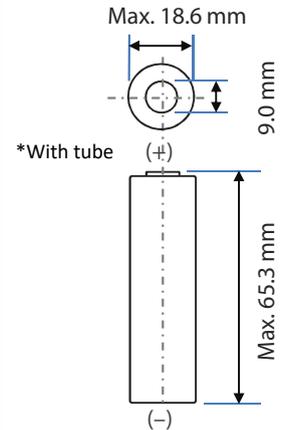
* At temperatures below 10 °C, charge at a 0.25C rate.

Specifications

Rated capacity ⁽¹⁾	Min. 2850mAh
Capacity ⁽²⁾	Min. 2900mAh Typ. 3000mAh
Nominal voltage	3.7V
Charging	CC-CV, Std. 1450mA, 4.35V, 4.0 hrs
Weight (max.)	49.0 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: 220 Wh/kg

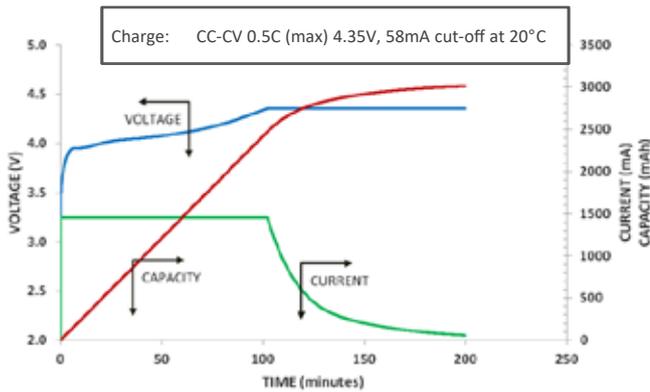
⁽¹⁾ At 20°C ⁽²⁾ At 25°C ⁽³⁾ Energy density based on bare cell dimensions

Dimensions

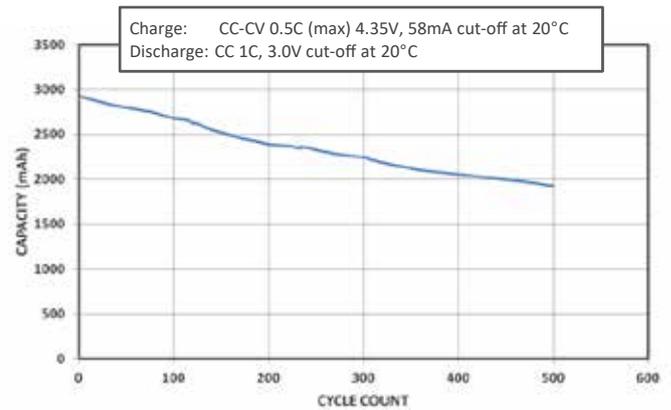


For Reference Only

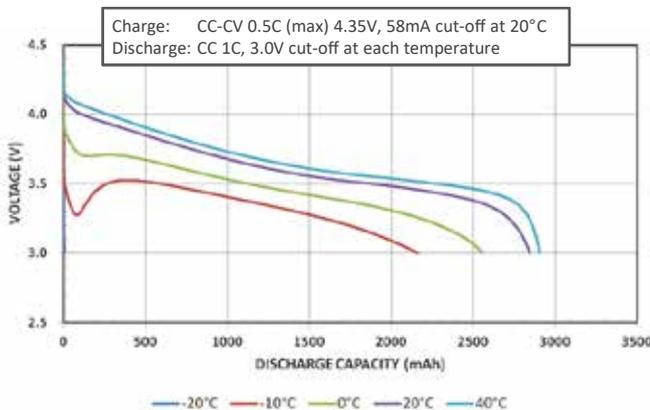
Charge Characteristics



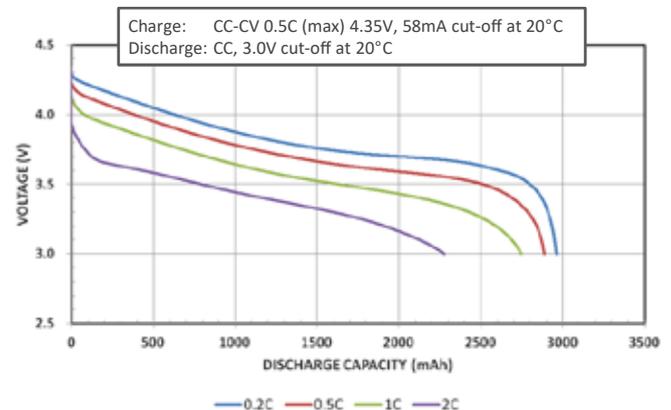
Cycle Life Characteristics



Discharge Characteristics (by temperature)



Discharge Characteristics (by rate of discharge)



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