# Panasonic ideas for life

# Lithium Ion UR18650ZY

#### **Features & Benefits**

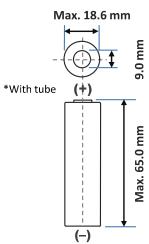
- High energy density and voltage
- Long, stable power with a flat discharge voltage
- Ideal for notebook PCs, handheld devices, etc.

## **Specifications**

Rated capacity <sup>(1)</sup>	Min. 2450mAh
Capacity <sup>(2)</sup>	Min. 2500mAh Typ. 2600mAh
Nominal voltage	3.7V
Charging	CC-CV, Std. 1750mA, 4.20V, 3.0 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: 535 Wh/l Gravimetric: 193 Wh/kg

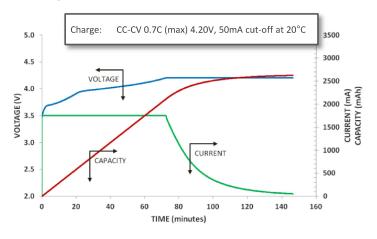
 $^{(1)}$  At 20°C  $^{(2)}$  At 25°C  $^{(3)}$  Energy density based on bare cell dimensions

#### **Dimensions**

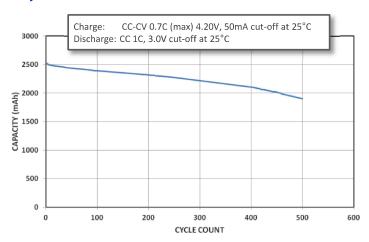


For Reference Only

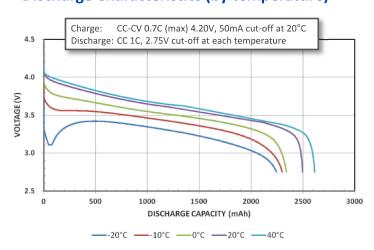
# **Charge Characteristics**



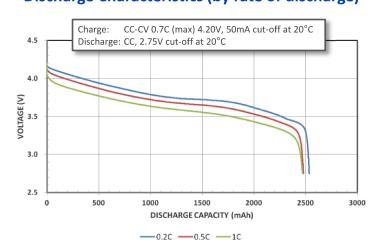
### **Cycle Life Characteristics**



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



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



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For more information on how Panasonic can assist you with your battery power solution needs, visit us at <a href="https://www.panasonic.com/industrial/batteries-oem">www.panasonic.com/industrial/batteries-oem</a> or e-mail <a href="mailto:secsales@us.panasonic.com">secsales@us.panasonic.com</a>.