Panasonic

Lithium Ion UR18650RX

Features & Benefits

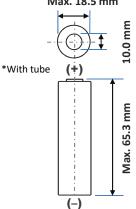
- Super high drain and high capacity model (High power & energy density)
- Long, stable power with a flat discharge voltage
- Ideal for power tools, E-bikes, and robotics.

Specifications

| Rated capacity ⁽¹⁾ | Min. 1950mAh |
|-------------------------------|------------------------------------|
| Capacity ⁽²⁾ | Min. 1950mAh |
| | Typ. 2050mAh |
| Nominal voltage | 3.6V |
| Charging | CC-CV, Std. 1365mA, 4.20V, 3.0 hrs |
| Weight (max.) | 47.5 g |
| Temperature | Charge*: 0 to +45°C |
| | Discharge: -20 to +60°C |
| | Storage: -20 to +50°C |
| Energy density ⁽³⁾ | Volumetric: 413 Wh/l |
| | Gravimetric: 155 Wh/kg |
| | |

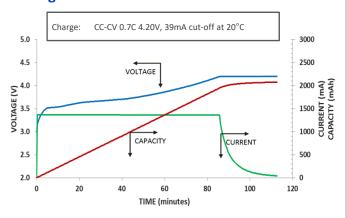
 $^{^{(1)}\,}At\,20^{\circ}\text{C}$ $^{(2)}\,At\,25^{\circ}\text{C}$ $^{(3)}\,\text{Energy density based on bare cell dimensions}$

Dimensions Max. 18.5 mm

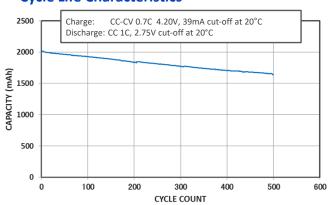


For Reference Only

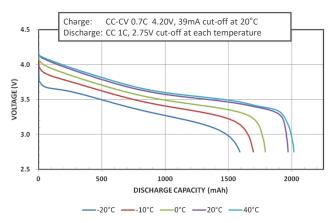
Charge Characteristics



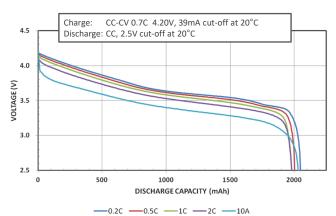
Cycle Life Characteristics



Discharge Characteristics (by temperature)



Discharge Characteristics (by rate of discharge)



The data in this document is for descriptive purposes only and is not intended to make or imply any guarantee or warranty.

^{*} At temperatures below 10°C, charge at a 0. 50C rate.