

Cylindrical Type Lithium Ion Secondary Battery US18650VTC6

Specifications

Nominal Capacity*	3120 mAh
Rated (minimum) Capacity*	3000 mAh
Nominal Voltage	3.6 V
Weight (typical)	46.6 g

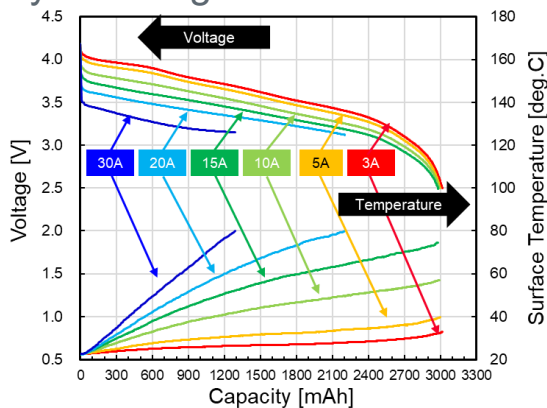
* Charge: CCCV, 3.0 A, 4.2 V, 2.5 h, at 23deg.C
Discharge: 0.2 ItA (600 mA), 2.0 V cutoff at 23deg.C

Dimensions

With tube
Shape: Cylindrical

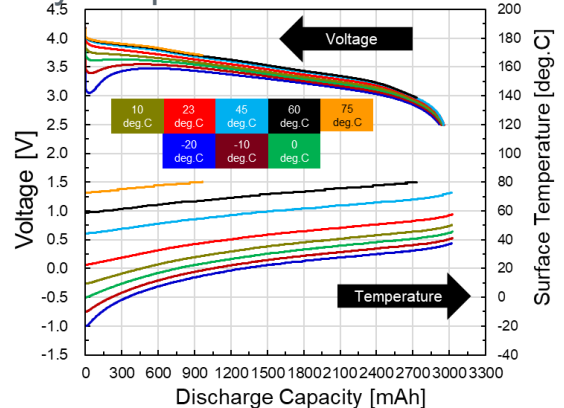


Discharge characteristics by discharge rate



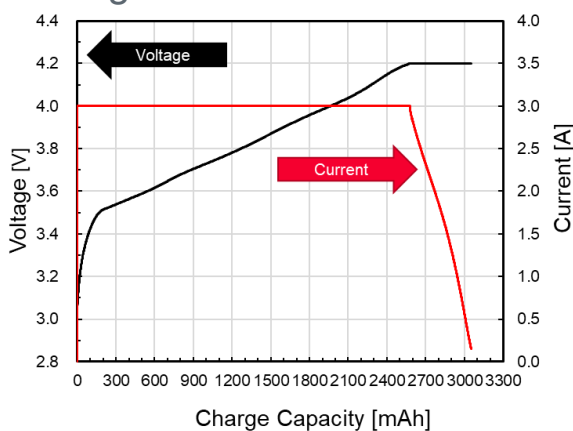
Test Condition
Charge: 4.2V/3.0A/150mAcut
Discharge: 3A, 5A, 10A, 15A, 20A, 30A/2.5Vcut or 80deg.C cut
Ambient temp: 23deg.C

Discharge characteristics by temperature



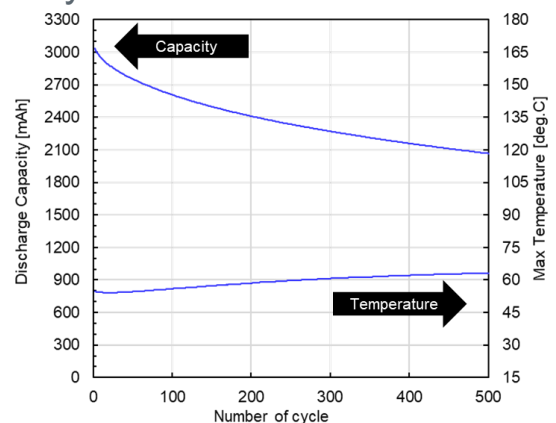
Test Condition
Charge: 23deg.C 4.2V/3A(cc/cv)/150mAcut
Discharge: -30deg.C to 75deg.C, 10A(CC)/2.5Vcut or 80deg.C

Charge characteristics



Test Condition
Charge: 4.2V/3.0A/150mAcut
Ambient temp: 23deg.C

Cycle life



Test Condition
Charge: 23deg.C, 4.2V, 4A(CC/CV), 150mA cut-off, Rest: 30min
Discharge: 23deg.C, 10A, 2.5V or 75deg.C cut-off, Rest: 60min

Attention

1. This datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, its specifications are subject to change or our products in it may be discontinued without advance notice. Please check with our sales representatives or product engineers before ordering.
2. This datasheet has only typical specifications because there is no space for detailed specifications. Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.
3. Lithium-ion secondary batteries have a high energy density, Murata only sells lithium-ion secondary batteries to corporate customers to be embedded and sold in end products (finished products) in a form which provides the appropriate safety measures (protection circuits, etc. to prevent overcurrents and overcharging) according to the usage environment.