

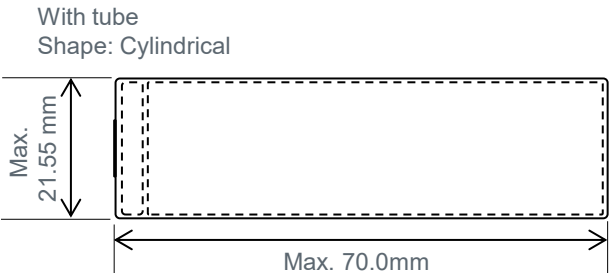
# Cylindrical Type Lithium Ion Secondary Battery US21700VX40

## Specifications

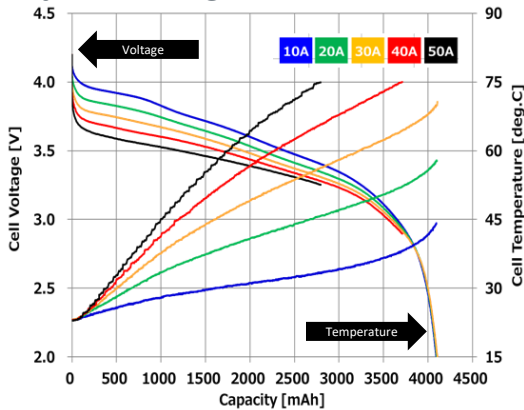
Nominal Capacity*	4100 mAh
Rated (minimum) Capacity*	4000 mAh
Nominal Voltage	3.6 V
Weight (typical)	65.9 g

\* Charge: CCCV, 4.0 A, 4.2 V, 2.5 h, at 23deg.C  
Discharge: 0.2 ItA (800 mA), 2.0 V cutoff at 23deg.C

## Dimensions

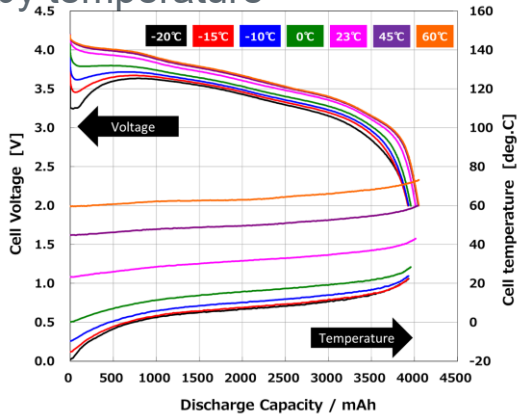


## Discharge characteristics by discharge rate



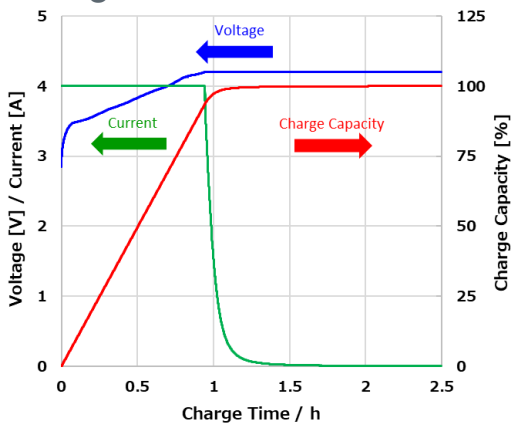
Test condition  
Charge: CC-CV 4.2V/6A/0.1A cut  
Discharge: CC 10A, 20A, 30A, 40A, 50A/2.0V or 75deg.C cut

## Discharge characteristics by temperature



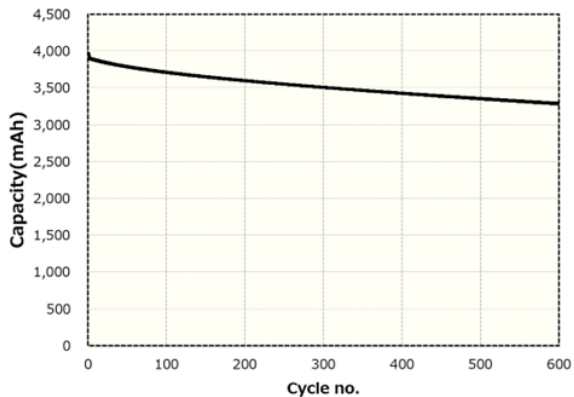
Test Condition  
Charge : 23deg.C CC-CV 4.2V/6A/0.1A cut  
Discharge : -20deg.C to 60deg.C CC 10A/2.0V cut

## Charge characteristics



Test Condition  
Charge : CC-CV 4.2V/4.0A/2.5h cut-off  
Ambient temp. : 23deg.C

## Cycle life



Test condition  
Charge : 25deg.C 4.2V, 6A(CC/CV) 100mA cut-off, Rest:10min  
Discharge : 25deg.C 10A, 2.5V or 75deg.C cut-off, Rest:30min

### Attention

- 1.This datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, it's 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.