

LI-ION



CELL – NCM 18650 34EL

## TECHNICAL INFORMATION

Lithium Ion Rechargeable Battery

### Name and Code

- Cell Name: NCM 18650 34EL

### Cell Shape and Weight

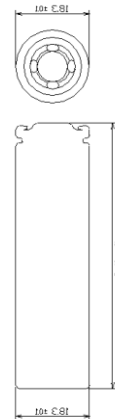
- Cell Shape: cylindrical
- Weight: 49.0 g average

### Safety Regulation

- UN, IEC, UL

### Size (with plastic tube):

- Diameter:  $18.29 \pm 0.11$  mm
- Length:  $\leq 65.15$  mm



**HIGH ENERGY**

### Performance

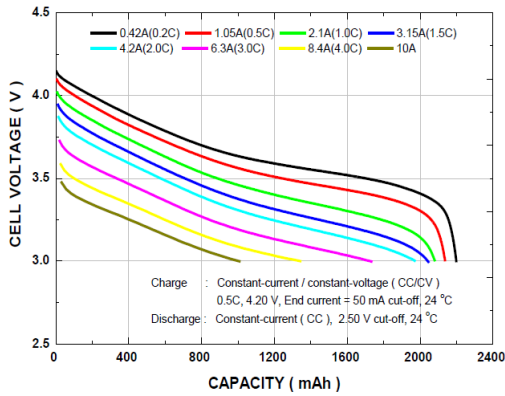
(at room temperature, 2.50 V cut off)

Nominal Capacity (0.2 C discharge)	3.350 mAh	average capacity
Minimum Capacity (0.2 C discharge)	3.250 mAh	minimum capacity
Nominal Voltage	3.63 V	
Internal Impedance	$\leq 70$ m $\Omega$ with PTC	frequency for AC 1 kHz

- Charge Method: CC-CV
- Maximum Charge Voltage: 4.25 V
- Maximum Charge Current: 1,62 A
- Maximum Discharge Current: 4,87 A
- Ambient Temperature: 23°C
- Operating temperature, charge: 0-45°C
- Operating temperature, discharge: -20-50°C

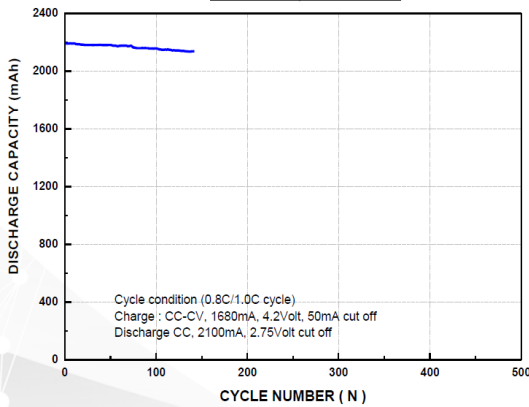


**DISCHARGE CHARACTERISTICS**



**CYCLE LIFE PERFORMANCE**

0.8C/1C Cycle @ 24°C



Data is for reference use only. Not guarantee value.

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