EN: This Datasheet/Document is presented by the manufacturer.

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Lithium Ion Battery

EVE INR18650/35V

Features & Benefits

- High capacity and energy density
- Excellent temperature performance and safety
- Automatic production and good consistency

Safety Regulation

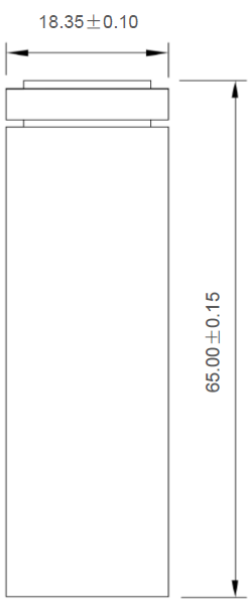
- UL1642, UN38.3, IEC62133
- IEC 61960, GBT31485

Specifications

Nominal capacity (1)	3500mAh
Nominal voltage	3.6V
AC Impedance 1 kHz	<30mΩ
Charging	CCCV, 0.68A, 4.20±0.005V, 68mA cut-off
Weight	≤50g
Temperature (Surface)	Charge: 0~15℃; ≤0.2C 15~45℃; ≤0.5C Discharge: -20 ~ 60℃
Energy Density	Volumetric: 743 Wh/L Gravimetric: 252 Wh/kg

1)At 25℃,4.2V to 2.5V using 0.2C discharge current

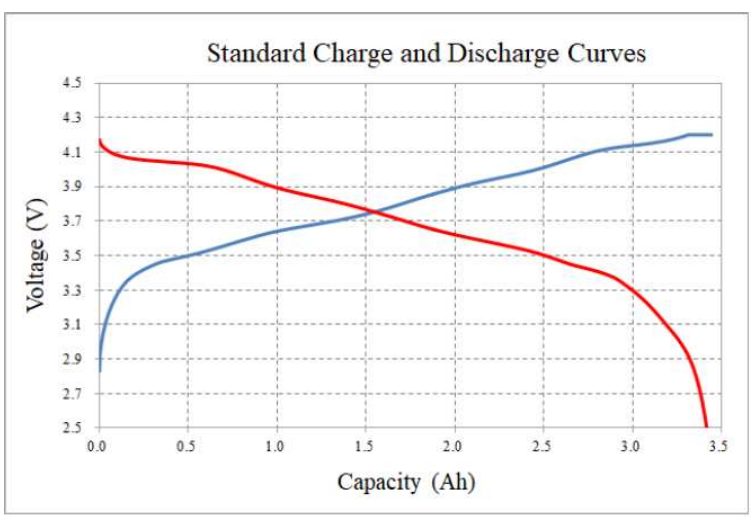
Dimensions
Unit: mm



For Reference Only

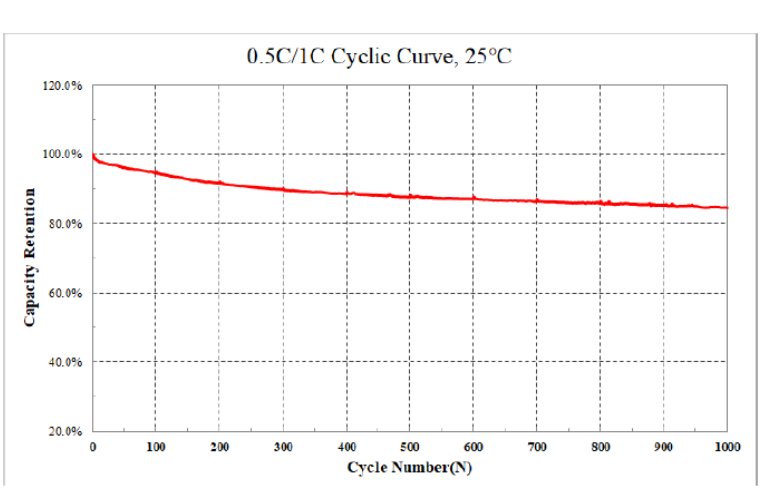
Charge Characteristics

Charge : CC-CV 0.2C to 4.20V, 0.02C cut-off at 25±2℃



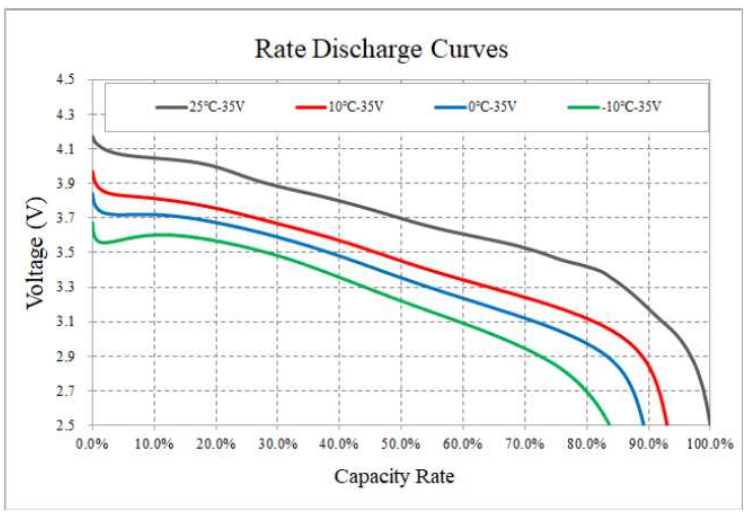
Cycle Life Characteristics (@25 ℃)

Charge : CC-CV 0.5C to 4.20V, 0.02C cut-off at 25±2℃
Discharge : CC 1.0C , 3.0V cut-off at 25±2℃



Discharge Temperature Characteristics

Charge: CC-CV 0.5C to 4.20V, 0.02C cut-off at 25±2℃
Discharge: CC 1C , 2.5V cut-off at 25℃ / 10℃ / 0℃ / -10℃



Discharge Rate Characteristics

Charge: CC-CV 0.5C to 4.20V, 0.02C cut-off at 25±2℃
Discharge: CC 0.2C/0.33C/0.5C/1C/2C/3C to 2.5V

