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EVE INR18650/35V

Features & Benefits

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

Safety Regulation

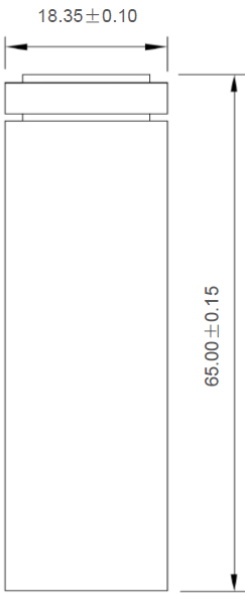
- UL1642, UN38.3, IEC62133
- IEC 61960, GBT31485

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°C; ≤0.2C 15~45°C; ≤0.5C Discharge: -20 ~ 60°C
Energy Density	Volumetric: 743 Wh/L Gravimetric: 252 Wh/kg

Dimensions

Unit: mm

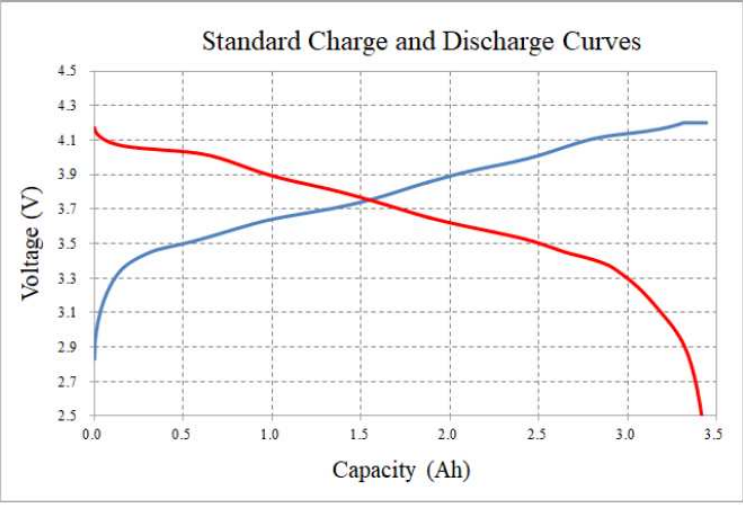


1)At 25°C,4.2V to 2.5V using 0.2C discharge current

For Reference Only

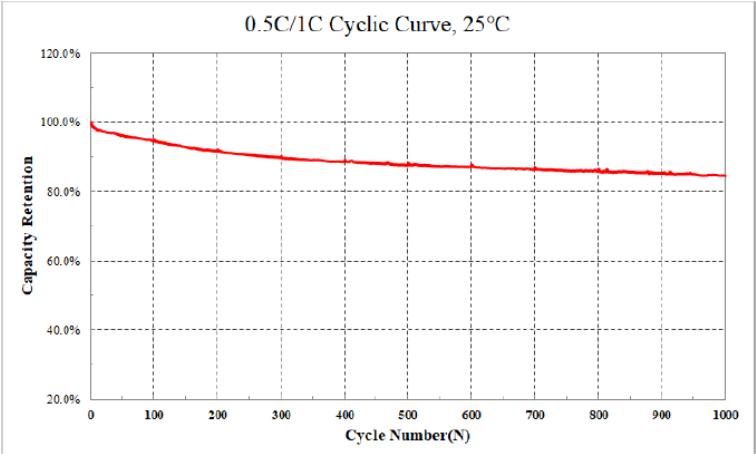
Charge Characteristics

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



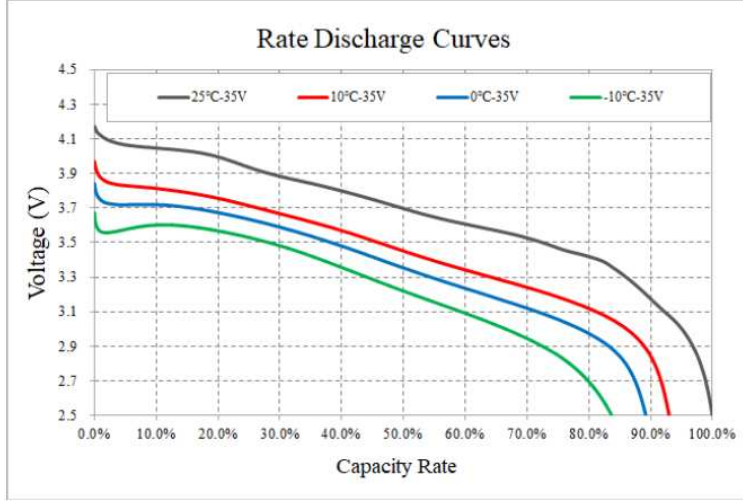
Cycle Life Characteristics (@25 °C)

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



Discharge Temperature Characteristics

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



Discharge Rate Characteristics

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

