



# EVE INR21700/50E

## Features & Benefits

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

## Safety Regulation

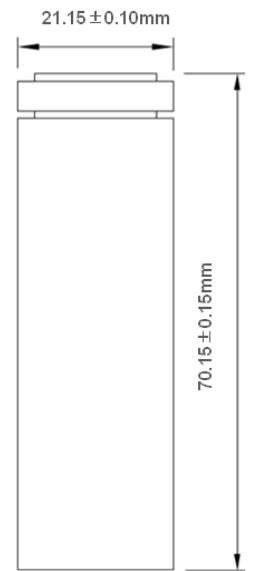
- GBT31485, UL1642, UN38.3

## Specifications

Nominal capacity <sup>(1)</sup>	5.0Ah
Nominal voltage	3.65V
Resistance	≤20mΩ
Charging	CC-CV, Std.1.0A, 4.20V, 5.5hrs
Weight (avg.)	69±2g
Temperature	Charge: 0 to + 55°C (cell surface) Discharge: -20 to + 60°C (cell surface) Storage: 0 to + 60°C
Energy density	Volumetric: 741 Wh/L Gravimetric: 264 Wh/kg

## Dimensions

Unit: mm

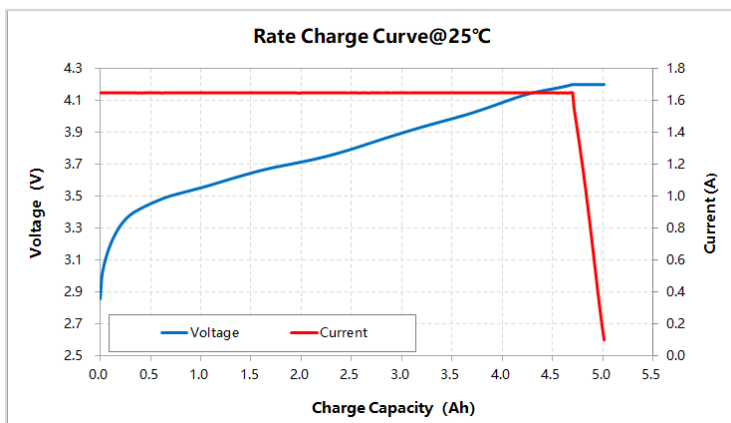


For Reference Only

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

## Charge Characteristics

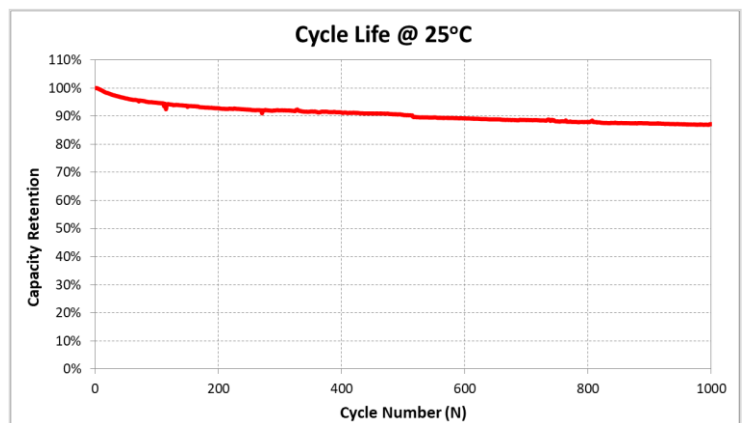
Charge : CC-CV 0.3C to 4.20V, 0.02C cut-off at 25±2°C



## Cycle Life Characteristics

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

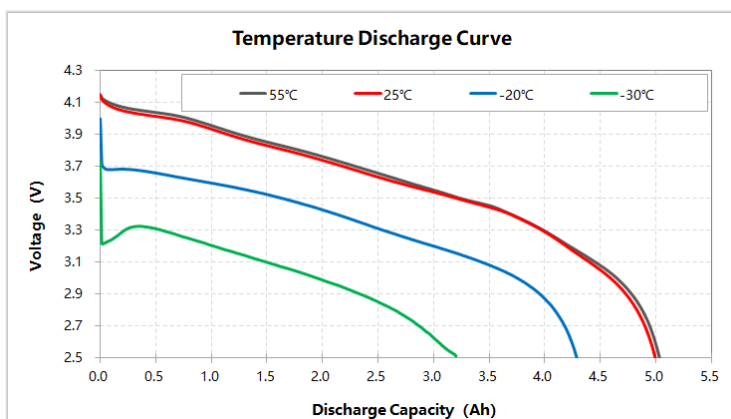
Discharge : CC 1.0C , 3.0V cut-off at 25±2°C



## Discharge Temperature Characteristics

Charge: CC-CV 0.3C to 4.20V, 0.02C cut-off at 25±2°C

Discharge: CC 0.3C , 2.5V cut-off at -30°C / -20°C / 25°C / 55°C



## Discharge Rate Characteristics

Charge: CC-CV 0.3C to 4.20V, 0.02C cut-off at 25±2°C

Discharge: CC 0.2C to 3.0C , 2.5V cut-off at 25±2°C

