



EVE INR21700/40P

Features & Benefits

- High rated charge & discharge
- Excellent wide temperature characteristics
- Automatic production and good consistency

Safety Regulation

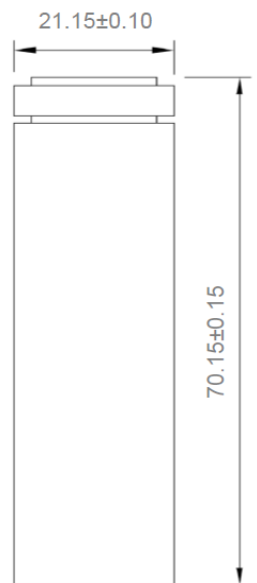
- UL1642, UN38.3, IEC62133

Specifications

Nominal discharge capacity ⁽¹⁾	4000mAh
Nominal voltage	3.6V
AC Impedance 1 kHz	<12mΩ
Voltage range	4.2~2.5V
Weight	≤70g
Cell Surface Cut-off Temperature	Charge: 0 to +60°C Discharge: -20 to +80°C
Standard charge current	2.0A
Max. continuous charge current	6.0A
Standard discharge current	0.8A
Max. continuous discharge current	35A(Without temperature cut) 50A(With 80°C temperature cut)

(1) CC-CV, 2A to 4.2V, 100mA cut-off at 25°C; CC, 0.8A to 2.5V cut-off at 25°C.

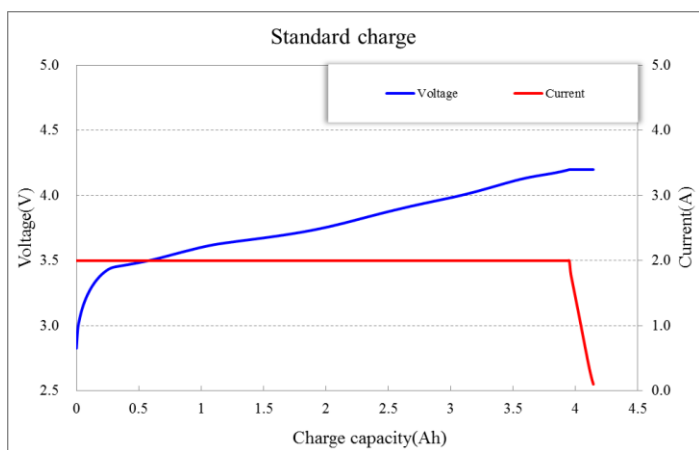
Dimensions Unit: mm



For Reference Only

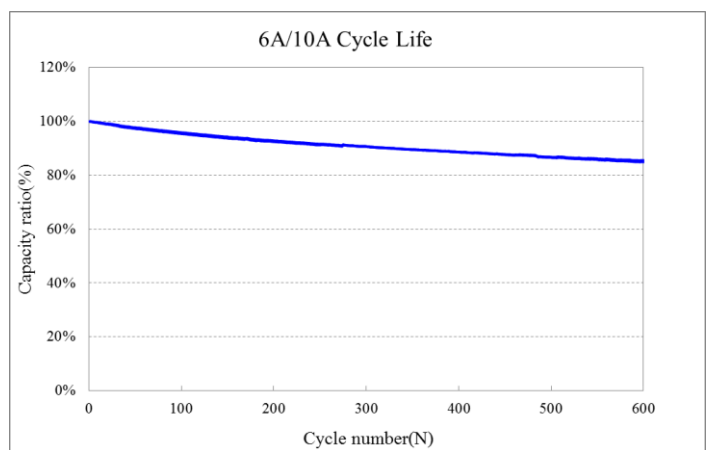
Charge Characteristics

Charge : CC-CV 2A to 4.2V, 100mA cut-off at 25±2°C



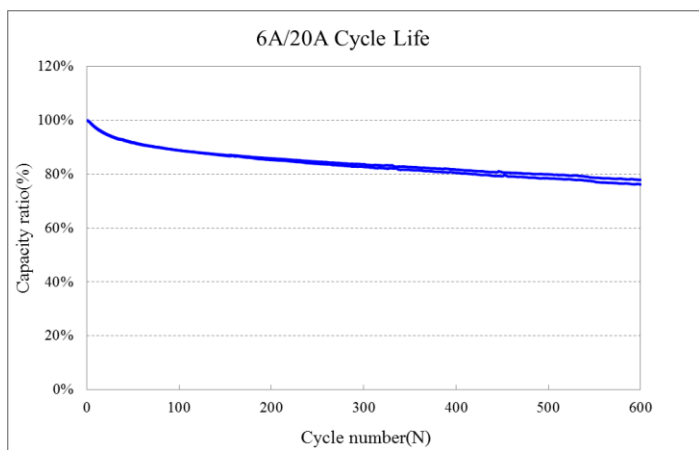
Cycle Life Characteristics (6A/10A)

Charge : CC-CV 6A to 4.2V, 100mA cut-off at 25±2°C
Discharge : CC 10A to 2.5V & 75°C cut-off at 25±2°C



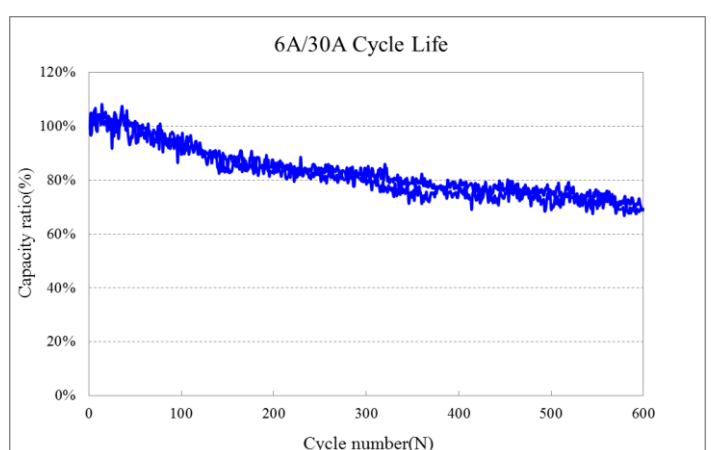
Cycle Life Characteristics (6A/20A)

Charge : CC-CV 6A to 4.2V, 100mA cut-off at 25±2°C
Discharge : CC 20A to 2.5V & 75°C cut-off at 25±2°C



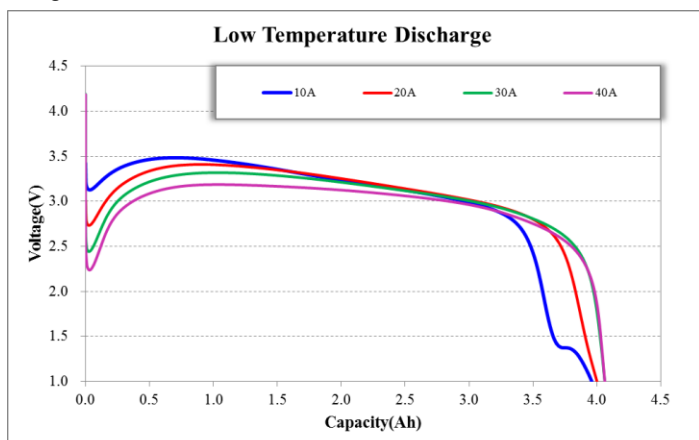
Cycle Life Characteristics (6A/30A-75°C cut-off)

Charge : CC-CV 6A to 4.2V, 100mA cut-off at 25±2°C
Discharge : CC 30A to 2.5V & 75°C cut-off at 25±2°C



Discharge Temperature Characteristics

Charge: CC-CV 2A to 4.2V, 100mA cut-off at 25±2°C
Discharge: CC 10A/20A/30A/40A to 1.0V cut-off at -20±2°C



Discharge Rate Characteristics

Charge: CC-CV 2A to 4.2V, 100mA cut-off at 25±2°C
Discharge: CC 0.8A/10A/20A/30A/40A/50A to 2.5V cut-off at 25±2°C

