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Lithium Ion Battery

EVE INR18650/26V

Features & Benefits

- **High Energy Density**
- **Excellent Cycle Life**
- **Ideal for Portable Applications**
- **Certifications:**
UN 38.3 / UL 1642
IEC 62133

Specifications

Min. capacity ⁽¹⁾	2500mAh
Typ. capacity ⁽²⁾	2550mAh
Nominal voltage	3.6V
Impedance	25 ± 3mΩ
Charging	CC-CV, Std. 1275mA, 4.20V, 3hrs
Weight (avg.)	45.0 ± 1.0g
Temperature	Charge: 0 to + 45°C Discharge: -20 to + 60°C Storage: -20 to + 45°C
Energy density ⁽³⁾	Volumetric: 530 Wh/L Gravimetric: 200 Wh/KG

- (1) At 25°C, 4.2V to 2.5V using 0.2C discharge current
(2) At 25°C 4.2V to 2.5V using 0.2C discharge current
(3) Energy density based on max. cell dimensions or max. weight

Dimensions

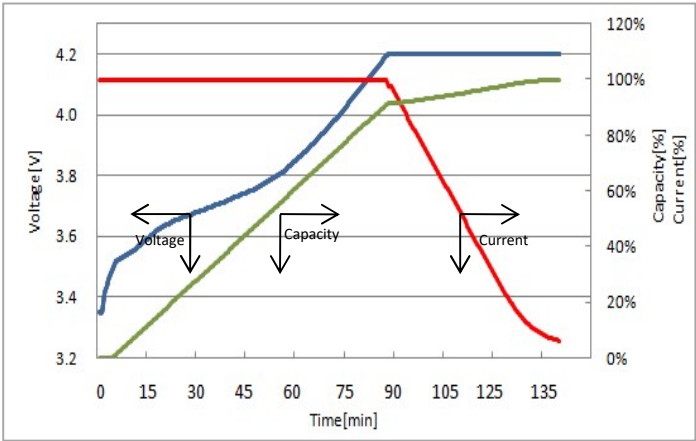
Unit: mm



For Reference Only

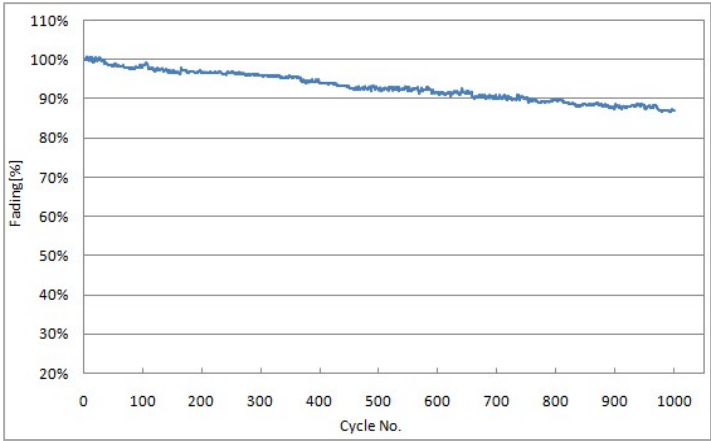
Charge Characteristics

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



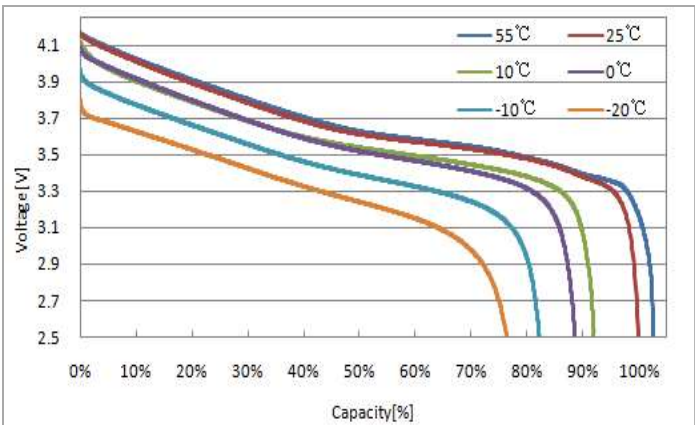
Cycle Life Characteristics

Charge : CC-CV 0.5C mA, 4.20V, 0.02C mA cut-off at 25°C, 10min rest
Discharge : CC 1C mA , 3.0V cut-off at 25°C, 10min rest



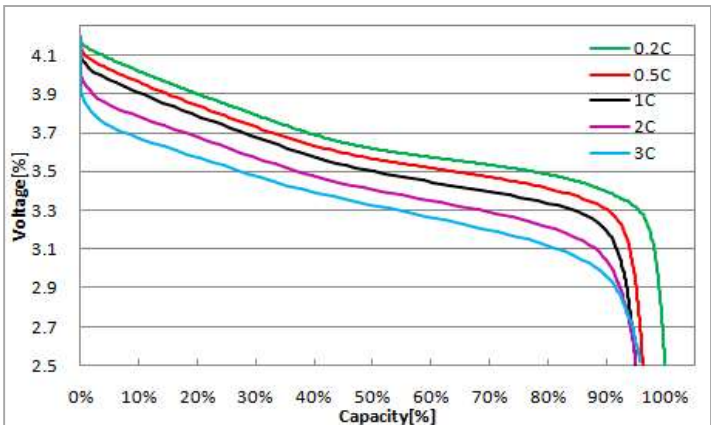
Discharge Temperature Characteristics

Charge : CC-CV 0.5C mA, 4.20V, 0.02C mA cut-off at 25°C
Discharge : CC 0.2C mA , 2.5V cut-off at -20°C to 55°C



Discharge Rate Characteristics

Charge : CC-CV 0.5C mA, 4.20V, 0.02C mA cut-off at 25°C
Discharge : CC 0.2C to 3C mA, 2.5V cut-off at 25°C



Consult for more details: EVE Energy North America 46 Village Point Drive Powell, OH 43065 P : 614-389-2552