

American Lithium Energy Corporation

Model No.: ALE21700NMC5500

Li-Ion Cylindrical Cell Data Sheet: CD-027A

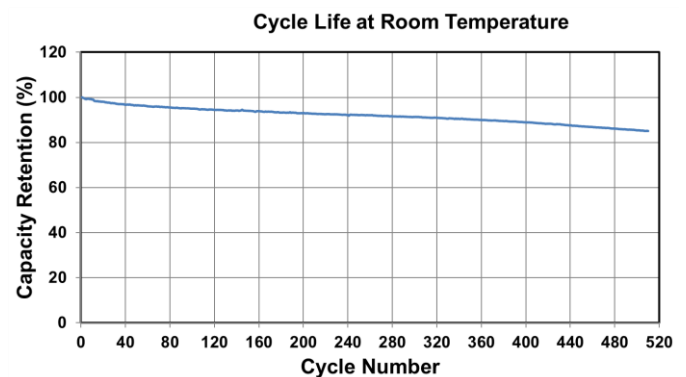
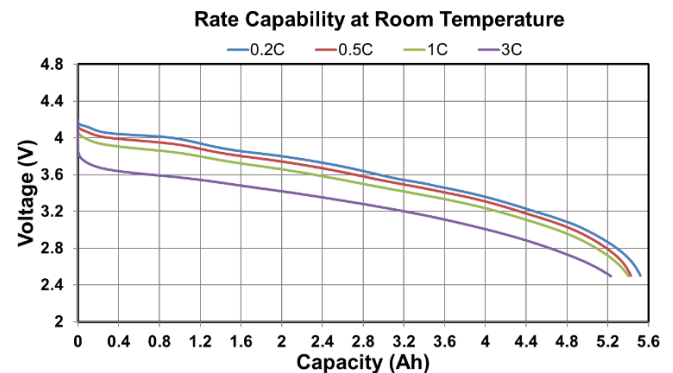
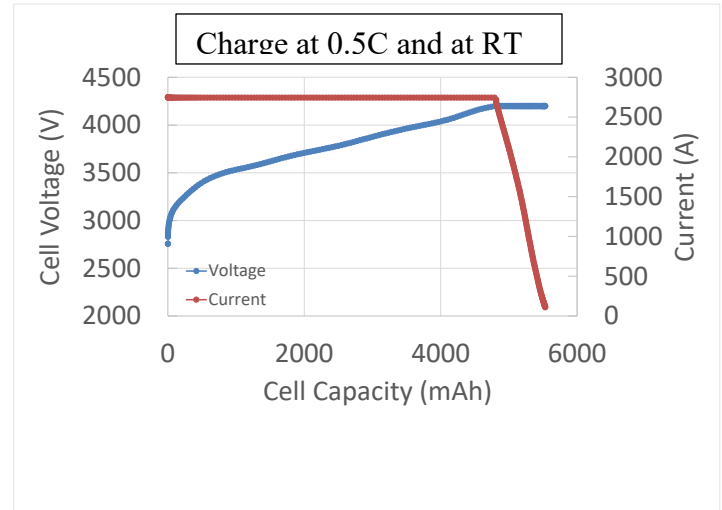
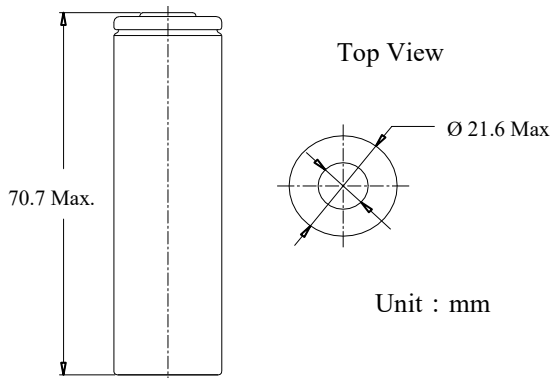
▪ Type	: Rechargeable Li-Ion Batteries ALE21700NMC5500
▪ Nominal Dimension	: Max. Diameter: 21.6 mm Height: 70.7 mm
▪ Nominal Voltage	: 3.7 Volts
▪ Capacity	: Typical : 5500 mAh Minimum: 5350 mAh
▪ Note: When discharged at 0.2C to 2.5V after standard charging at 25±3°C	
▪ Maximum Charging Voltage	: 4.20 Volts
▪ Standard Charging	: CC/CV, 0.5C5A, 4.20V
▪ Discharge cut-off Voltage	: 2.5 Volts
▪ Weight	: 69.0±2g
▪ Impedance (AC 1kHz)	: Max: 20 mΩ
▪ Maximum Charge Current	: 5.5 A
▪ Maximum Continuous Discharge Current	: 16.5 A
▪ Maximum Pulse Discharge Current	: 27.5A (25±3°C)
▪ Ambient Temperature Range	Charging: 0 to 45 °C Discharging: -20 to 65 °C Storage: -20 to 60 °C (less than one month)

Test Conditions

Unless otherwise specified, all tests should be conducted within two weeks of delivery under the following conditions:

- Ambient temperature : 25 ± 3 °C
- Relative humidity : 45-75% RH

Configuration and Dimensions



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