

AUTOMATE Li-ion Motors

Battery Safety Statement

Product safety is considered integral to Rollease Acmeda's product offering.

As such, all products containing lithium-ion batteries are manufactured, tested and certified to stringent standards.

All Lithium-ion batteries used within Rollease Acmeda products are tested to comply with:

- UL 1642 (Lithium Batteries)
- IEC 62133 - Battery Safety Testing
- UL2054 (Household and Commercial Batteries)
- UN 38.3 (Recommendations on the Transport of Dangerous Goods)

Testing is conducted to cover all aspects of safety including:

- Thermal Testing – temperature extremes
- Vibration & Shock testing
- Short Circuit
- Impact/Crush
- Overcharge
- Forced Discharge
- Altitude Simulation - for aircraft cargo

Additionally, all battery motor assemblies utilize an integrated charge management circuit which protects against over or under charging. This circuit also enables individual cell balancing which ensures the longevity and integrity of the entire battery pack.