

Domestic Sourcing of Lithium Ion Batteries

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Issues with Current Sourcing Model for Primes

Ruggedness – Many commercial cells do not support the environments that are required.

- Thermal – Cold and Heat
- Mechanical Environments – Vibration and Shock
- Operation Life

Configuration Control - Commercial businesses change product base materials, design and manufacturing processes without notice which could impact non-standard applications.

Safety – Safety Testing Requires Significant Resources and potential to leverage previous testing should provide benefits. Cell Obsolescence requires safety testing be revisited.

Customer Acceptance – Large commercial cell supplier base creates an environment where there is little consistency in the cells. Cell failures in the commercial environment cause customers to be concerned about the application of commercial cells in LM products.



Significant Resources
Required to Support
Commercial Products for
Product Lifecycle

