

Lithium Battery Safety Early Warning Technology Market Review

**As the battery energy density increase there is more safety concern
Mass market devices and critical systems can't afford themselves a battery safety event
Some universities and companies develop new technologies to provide an early warning of 1 week to 1 hour on battery safety event
These new technologies are the last battery safety layer to operate in a case all traditional safety layers fail
That warning will allow the users to prepare in advance and prevent a catastrophe**

Report Content

Why are Lithium Batteries Dangerous?
Battery Failures Flow Chart
Thermal Run Away
Impact of SOC on Thermal Runaway
Impact of Cell Size on Thermal Runaway
Chain Reaction Failure Propagation
High voltage battery protections
Manufacturing (Field) Failures - Not Manageable - Need New Safety Technology
Cells and Batteries safety layers (Hardware and Software)
Battery Failure Prediction and early Warning
Review of 3 Universities researches on early battery safety event warning technologies
Review of 4 companies to develop an early battery safety event warning technology
Summary

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Research files format: Power Point

** We do a custom-made market report per demand