

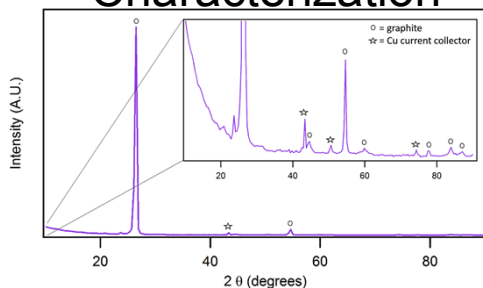
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Addressing Lithium-Ion Battery Safety and Failure Containment for Modern Grid Energy Storage

Heather Barkholtz, Armando Fresquez, Josh Lamb, Sergei Ivanov,
Babu Chalamala, and Summer Ferreira*

Characterization

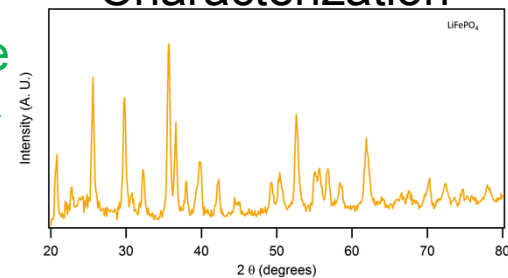


Anode

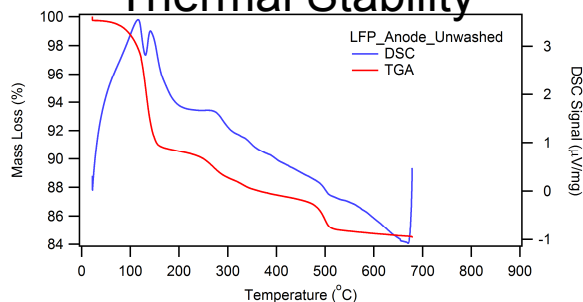
Cathode

LiFePO₄
Cell

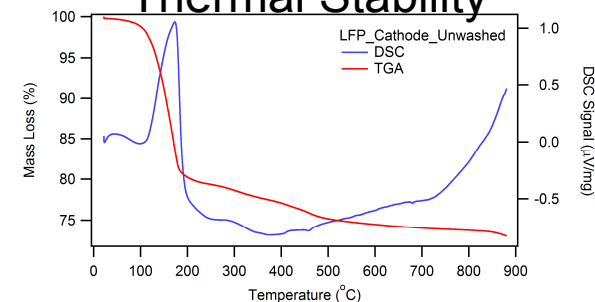
Characterization



Thermal Stability

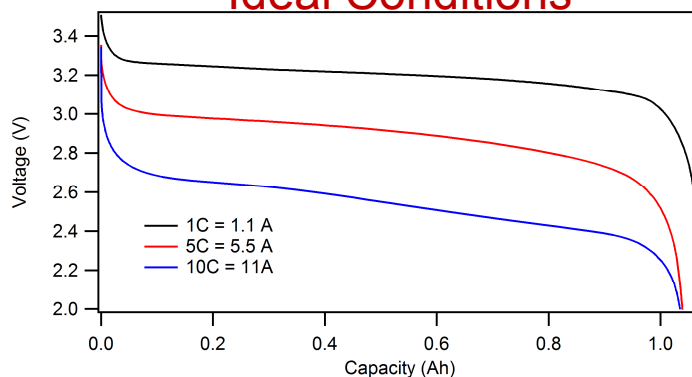


Thermal Stability



Non-abuse
electro-
chemical
performance

Ideal Conditions



Non-Ideal Conditions

