

Title: Cylindrical solar container lithium battery failure

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In this paper, taking cylindrical LIBs as the research object, the force-electrical-thermal responses of the cells under different compression/impact conditions were studied by ...

We have found that a key failure mode of cylindrical Li-S battery cells is the severe capacity fading during the galvanostatic charge-discharge process due to the corrosion of the ...

This study conducts a design and process failure mode and effect analysis (DFMEA and PFMEA) for the design and manufacturing of cylindrical ...

The purpose of an abuse test is to study and understand the lithium-ion battery's failure pattern and its mechanisms of failure. This paper studies the three-point bend ...

This study conducts a design and process failure mode and effect analysis (DFMEA and PFMEA) for the design and manufacturing of cylindrical lithium-ion batteries, with a focus on battery safety.

In this paper, taking cylindrical LIBs as the research object, the force-electrical-thermal responses of the cells under different ...

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