

Battery safety ethiopia

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The study examines Ethiopia's potential in the lithium-ion battery (LIB) industry, crucial for the country's ambitious plans to decarbonize its transportation sector through electric vehicles. Using value chain analysis, SWOT, and Porter's five-force frameworks, the study assesses Ethiopia's competitiveness across the upstream, midstream, and downstream stages of the LIB value chain. Ethiopia's significant lithium brine reserves, estimated at 3 million tons with a 50% recovery rate in Danakil, Afar. The study offers strategic recommendations to enhance Ethiopia's position in the global LIB market and serves as a resource for policymakers, industry stakeholders, and investors.

Keywords: Lithium-ion battery (LIB) industry, Electric vehicles, Lithium brine reserves Strategic advantage, Value Chain Analysis, Ethiopia potential and Competitiveness.

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A fire onboard an Ethiopian Airlines 777 freighter at Shanghai Pudong this morning has again triggered questions on the safety of lithium batteries and cargo mis-declaration.

As yet, there is no information on how the blaze began, but 100% cargo screening in Shanghai could make it easier to determine the cause.

One source with boots on the ground at the airport told The Loadstar there were three pallets of lithium batteries listed on the manifest, for loading in China for export.

"This calls into question IATA's support for allowing these batteries on passenger aircraft," said one aviation expert.

Lithium ion and lithium metal batteries are prohibited on passenger aircraft, and there are strict rules on their carriage on freighters. But there have been problems with undeclared counterfeit batteries, poor packaging and mis-declared batteries.



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