Battery safety denmark

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The Battery Directive sets out common EU rules for the use and management of all types of batteries, including the reduction of the use of hazardous substances such as lead, mercury, and cadmium. The associated regulations lay down rules regarding capacity measurement and labelling and calculation of quantities placed on the market and calculation of efficiency targets.

The rules take offset in environmental considerations and aim to limit the inappropriate use and disposal of batteries and to improve the utilisation of recyclable metals contained in batteries.

Producer responsibility has authority in the Danish Environmental Protection Act as reflected in the so-called Battery Order.

Legislation applies to all producers and importers placing batteries on the Danish market. In addition, car importers, compliance schemes, local authorities, and recycling industries are regulated in part of this regulation.

Visit the EU Commission"s website on batteries with link to directives and regulations, summary of purpose, and current environmental targets. New measures and amendments to legislation are also published here

See legislation on producer responsibility for electronics

See legislation on producer responsibility for vehicles

Read more about EU and Danish legislation concerning producer responsibility for single-use plastic products

Read more about EU and Danish legislation concerning producer responsibility for packaging

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As the automotive industry races to meet net-zero emission targets through a massive shift towards electrification, ensuring battery safety remains as one of the most critical prerequisites for mass EV adoption, and therefore, a top priority for OEMs and battery manufacturers. With various reported cases of EVs catching fire in different contexts, manufacturers, consumers, and regulators look to the topic of fire protection and battery safety with an increased focus and concern over the safety of the passengers and the roads.

A fire event is typically triggered inside of the EV battery pack when the battery gets out of its "thermal comfort zone" and causes thermal propagation. The fire starts spreading from one cell throughout the entire battery pack, causing battery thermal runaway. This can be caused by three main abuse scenarios:

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