

Requirements for land transportation of lithium batteries

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What is the lithium battery transport guide?

By combining regulatory references with practical examples, the guide serves as a useful reference tool for professionals involved in the transport of lithium batteries. Download the full guide here.

What are the regulations for lithium batteries?

Air Transport: The regulations here are more stringent. You must comply with the International Civil Aviation Organization (ICAO) Technical Instructions, which the DOT enforces. Sea Transport: Under DOT regulations, sea transport of lithium batteries needs adherence to the International Maritime Dangerous Goods Code.

What are the requirements for packaging a lithium battery?

*The outer packaging must be a strong rigid outer package that is capable of withstanding a 1.2 meter drop test without damage to the cells or batteries, without shifting that would allow battery-to-battery contact, and without release of the contents of the package. o For packages with lithium cells or batteries contained in equipment:

How do you ensure a safe transport of lithium-ion batteries?

These rules guarantee safe transport of lithium-ion batteries, requiring specific packaging, labeling, and preparation. Moreover, staying updated with changes in state-specific regulations is critical. By following these essential guidelines and tips, we guarantee our operations remain compliant, promoting safety in battery manufacturing.

Learn how to comply with DOT regulations for lithium-ion batteries. Discover safety, packaging, and labeling requirements in this guide.

This document provides generalized guidance on the requirements for proper packaging and hazard

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communication of shipments of lithium cells and batteries and lithium battery-powered ...

Understand 2025 lithium battery transportation rules, including packaging, labeling, and compliance to ensure safe and legal shipping across all modes.

Several recent incidents involving lithium battery shipments have further raised the profile of this issue. While requirements are in place to provide for the safe shipment of lithium ...

The transportation of lithium batteries involves strict safety regulations. The transportation requirements for different types of lithium batteries, such as lithium-ion batteries ...

Understand 2025 lithium battery transportation rules, including packaging, labeling, and compliance to ensure safe and legal ...

The regulations for transporting lithium batteries can be daunting. Rise to the challenge with our guide that will tell you what you need to do.

This latest resource simplifies the often-complex requirements surrounding the shipment of EV lithium batteries. The new EV and ...

Navigate the essential requirements for shipping lithium batteries safely and legally. Understand compliance for secure global transport.

This latest resource simplifies the often-complex requirements surrounding the shipment of EV lithium batteries. The new EV and Industrial Lithium Battery Shipping Guide ...

Utilities and others using batteries need to know how to navigate the issue of applying today's regulations to the user's specific needs. When it comes to shipping batteries, ...

Lithium batteries are regulated as a hazardous material under the U.S. Department of Transportation's (DOT) Hazardous Materials Regulations (HMR; 49 C.F.R., Parts 171-180).

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