



Lithium ion battery labeling requirements





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eCFR :: 49 CFR 172.447 -

§ 172.447 LITHIUM BATTERY label. (a) Except for size and color, the LITHIUM BATTERY label must be as follows: (b) In addition to complying with § 172.407, the background on the LITHIUM BATTERY

...

[UN3481 Label Requirements , Lithium-Ion Battery Shipping](#)

UN3481 labeling requires marking lithium-ion batteries packed with or contained in equipment, including label design, placement, and handling guidance.



A review and analysis of the safety labeling of lithium-ion batteries

This paper examines the labeling practices of over 200 lithium-ion cells from 20 manufacturers and 6 countries and reviews changes in warning labeling from 2003 to 2023. The ...

[White Paper Summarizing Existing Battery Labeling ...](#)

By developing new voluntary battery labeling guidelines, EPA seeks to increase consumer awareness of the presence of batteries in products and to empower consumers to properly dispose of them, ...



Lithium Battery Guide

This guide outlines the requirements for lithium ion batteries meeting exceptions for smaller lithium cells and batteries in § 173.185(c). Beginning May 10, 2024, all lithium ion batteries must be marked with ...



Battery Collection Best Practices

Under the Bipartisan Infrastructure Law, EPA is developing Battery Collection Best Practices and Voluntary Battery Labeling Guidelines.



[Your 2025 Guide to Lithium Battery Labels](#)

All standalone lithium-ion battery shipments must comply with Section IA or IB requirements. Adhering to these guidelines ensures compliance with the latest IATA Dangerous ...



Lithium Battery Shipping Guide



However, batteries having some other defective feature (e.g., batteries with the incorrect model number on the label or batteries not holding enough charge) can still be shipped by air with proper ...



Understanding Lithium Battery Labeling Regulations Made Simple

Proper lithium battery labels help you meet these requirements, ensuring smooth operations and access to global markets. For example, adhering to regulations allows your products ...

Updated 2025 Lithium Battery Transport & Overpack Label Rules

Recent updates from the U.S. Department of Transportation (DOT), PHMSA, ICAO, and IATA have redefined how overpack labels, CAUTION markings, and battery packaging must be ...





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