



Requirements for new lithium battery packs



Overview

This guide provides scenario-based situations that outline the applicable requirements that a shipper must follow to ship packages of lithium cells and batteries in various configurations. Department of Transportation (DOT), PHMSA, ICAO, and IATA have redefined how overpack labels, CAUTION markings, and battery packaging must be applied in 2025. This guide, developed by Himax Battery, summarizes the latest lithium battery shipping rules, providing. This document is based on the provisions set out in the 2025-2026 Edition of the ICAO Technical Instructions for the Safe Transport of Dangerous Goods by Air (Technical Instructions) and the 67th Edition (2026) of the IATA Dangerous Goods Regulations (DGR). Our goal is for you to become familiar with the current Lithium Batteries & Cells Shipping Guide by following these simple instructions and for you to use it as an ongoing source for the. The National Certification and Accreditation Administration (CNCA) has released the Implementation Rules for Compulsory Product Certification for Mobile Power Supplies, Lithium-Ion Batteries, and Battery Packs (Trial) (CNCA-C09-02:2025). These rules will take effect on August 15, 2025, replacing.

Article Content

Lithium Battery Shipping Regulations 2026: What Importers Must Know

2026 Lithium Battery Regulation Updates Key Changes for Importers You must understand the new lithium battery shipping regulations for 2026 to avoid compliance issues and shipment ...

Battery Guidance Document

If a newly produced lithium cell or battery design is being tested for the first time, then the edition of the UN Manual of Tests and Criteria in effect at the time that the cell or battery designs are first tested ...

Requirements for Shipping Lithium Batteries 2025

New UN Numbers: Introduction of more specific UN numbers for various types of lithium-ion batteries and electric vehicles. Revised Packing Instructions: More stringent requirements for UN-certified ...

China: New CCC Implementation Rules for Batteries

China's CNCA issues new CCC rules for mobile power supplies, lithium-ion batteries, and battery packs, effective August 15, 2025.

Lithium Battery Shipping Guide

Our goal is for you to become familiar with the current Lithium Batteries & Cells Shipping Guide by following these simple instructions and for you to use it as an ongoing source for the proper ...

Lithium Battery Guide

This document provides generalized guidance on the requirements for proper packaging and hazard communication of shipments of lithium cells and batteries and lithium battery-powered equipment by ...

Updated 2025 Lithium Battery Transport & Overpack Label Rules

This guide, developed by Himax Battery, summarizes the latest lithium battery shipping rules, providing engineers, compliance officers, and logistics partners with the most current and ...

Hidden Requirements for Custom Lithium-ion Battery Pack ...

Custom lithium-ion battery packs typically require multiple certifications, including UN38.3 for transport safety, IEC 62133-2 for global compliance, UL certification for US markets, and ...

Lithium Batteries in Baggage

Requirements vary based on the type of device and size of battery, and on the air carrier's restrictions. Spare (uninstalled) lithium metal batteries and lithium-ion batteries, portable ...

Battery Pack Certifications - Costs, Timelines & Key Standards

All of the costs and the lead times of these tests will vary depending on the battery construction, capacity, pack size, cycle requirements, and where the battery will be certified.

Contact Us

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