

Do I need a label for lithium ion batteries?

If you're shipping lithium ion batteries contained in or packed with equipment, use a battery label with UN3481. Lithium metal batteries will use labels with one of the following UN numbers: If you're shipping lithium metal batteries as a standalone (no other items in the package), use a battery label with UN3090.

What is the proper shipping name for lithium ion batteries?

Proper Shipping Name Mark - "Lithium ion batteries packed with equipment" or "Lithium ion batteries contained in equipment", as appropriate. Note: if the package contains both lithium ion batteries packed with and contained in equipment, the proper shipping name is "Lithium Ion Batteries Packed with Equipment".

Do lithium batteries need UN specification packaging?

Most fully regulated packages of lithium batteries and cells require UN Specification packaging. All packages of small and medium lithium batteries require some degree of testing. However, small and medium lithium batteries and cells do not require UN Specification packaging

How do I label a lithium battery?

Except when lithium cells (<1g) or batteries (<2g) are packed with or contained in equipment in quantities not exceeding 5kg net weight, the outer package must be marked: "LITHIUM METAL BATTERIES - FORBIDDEN FOR TRANSPORT ABOARD PASSENGER AIRCRAFT". The orange Cargo Aircraft Only label can be used as an alternative in the 48 contiguous states.

What are the requirements for a lithium battery?

The lithium batteries must be of a type that have successfully passed the UN38.3 tests and contain the necessary systems to prevent overcharge and over discharge between the batteries.

Are there industry standards for lithium battery labeling?

Yes, there are industry standards for lithium battery labeling, such as the UN Model Regulations and the ICAO Technical Instructions, which provide guidance on labeling requirements for transportation. Share This Story, Choose Your Platform!

LITHIUM BATTERY SHIPPING LABEL REQUIREMENTS



Lithium batteries, both lithium ion and lithium metal, are fully regulated dangerous goods when prepared under Section IA IATA regulations. These commodities must be correctly identified, classified, packaged, marked, and labeled.



The Code of Federal Regulations (CFR) 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 label must be white with seven black vertical stripes on the top half. The black vertical stripes must be spaced, so that, visually, they appear



Lithium Batteries Regulations: Lithium Metal Batteries. Tip: Click the below buttons to get more details. Batteries / cells only. Batteries / cells packed with equipment (separately in the same package). Batteries / cells contained in equipment . Return to parent slide. Step 2 ???

LITHIUM BATTERY SHIPPING LABEL REQUIREMENTS



Learn the essential steps to safely ship a laptop with a lithium battery. From accurate declaration and labeling to carrier-specific regulations compliance, this article covers it all. Discover tips on proper packaging, labeling, and safety precautions to ???



Lithium Battery Shipping Regulations, Class 9, UN3480, UN3481, UN3090, UN3091 : Total solution for Portable Power since 1995. Products are designed, assembled & Quality Controlled in USA. All products are shipped from California. The Class 9 ??? Lithium Battery label* The lithium battery mark; The Cargo Aircraft Only label;



Lithium battery labels meet compliance with PHMSA & ICAO/IATA regulations. Stock and custom options to choose from. Fast & free shipping +\$39.95. Order now! Lithium Battery Shipping Label. 4" x 4.75" (h x w) Zoom Price Buy. Class 9 Lithium Ion Batteries - UN 3480, Roll of 500

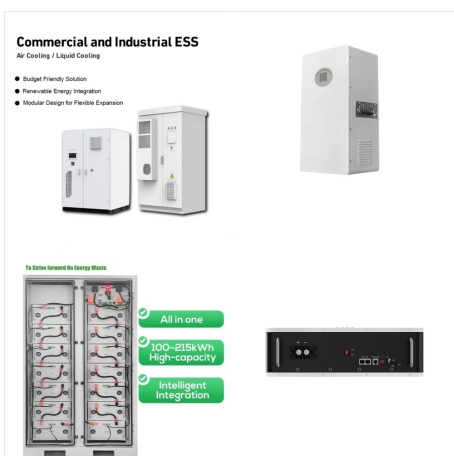
LITHIUM BATTERY SHIPPING LABEL REQUIREMENTS



In this document, the term lithium batteries is used to refer to both lithium ion and lithium metal batteries. Lithium batteries are dangerous goods, much like gasoline, propane, and sulphuric acid. Lithium batteries are used in many electronic devices such as cameras, cell phones, laptop computers, medical equipment and power tools.



Lithium cells and batteries power countless items that support everyday life from portable computers, cordless tools, mobile telephones, watches, to wheelchairs and motor vehicles. traceability and accountability to ensure that lithium cell and battery designs offered for transport meet UN 38.3 test requirements. Check with the battery



Shipping lithium batteries involves specific labels to ensure safety. These labels provide crucial information to handlers and transporters. Labeling requirements for lithium batteries are quite strict. They ensure safety and ???

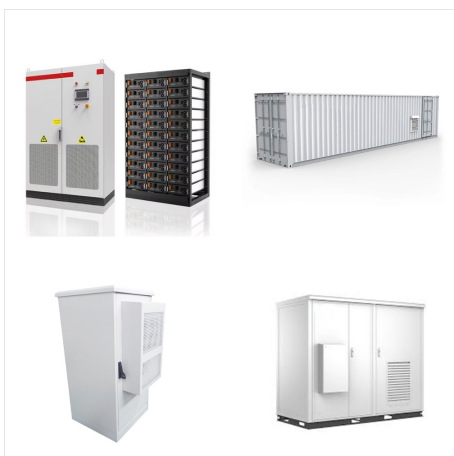
LITHIUM BATTERY SHIPPING LABEL REQUIREMENTS



Therefore, it is essential to familiarize oneself with the specific regulations and requirements for shipping lithium batteries and to use the correct shipping stickers accordingly. Lithium Battery Transport Label Requirements. When shipping lithium batteries, it is crucial to comply with the regulations and requirements for packaging and labeling.



On top of that, you could also end up paying regulatory fines or losing shipping privileges if battery shipping regulations are violated. Due to such risks, lithium batteries are classified as Class 9 dangerous goods, while other types of batteries can fall into other classes of dangerous goods. This means they are subject to regulations on packaging, labelling, quantity ???



Types of Battery Warning Labels. The types of battery warning labels cater to different kinds of batteries and transportation scenarios. The most common types include: Lithium battery labels: For lithium-ion and lithium-metal batteries, indicating specific hazards and handling precautions. Cargo aircraft only labels: For batteries restricted to

LITHIUM BATTERY SHIPPING LABEL REQUIREMENTS



Lithium batteries (UN3090, UN3091, UN3480, UN3481) Regulatory Changes Please note that regulations applicable to lithium batteries are dynamic. UPS will update this guidance document as quickly as possible. Lithium battery shippers must stay abreast of changes. UN38.3 test summary documents must be made available upon request



The provisions of the DGR with respect to lithium batteries may also be found in the IATA lithium Battery Shipping Guidelines (LBSG) 7th Edition. In addition to the content from the DGR, the LBSG also Reference to assembled battery testing requirements, if applicable (i.e. 38.3.3 (f) and 38.3.3 (g));

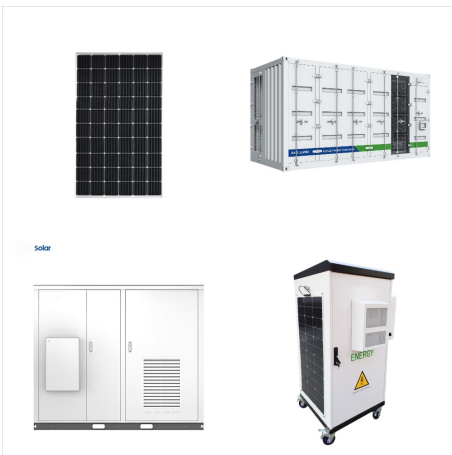


But there's good news: Lithium-ion batteries can be shipped safely by air if shippers take proper precautions. As with all hazardous goods, safely shipping lithium-ion batteries by air requires having personnel with the appropriate expertise and training and complying with strict labeling and packaging requirements.

LITHIUM BATTERY SHIPPING LABEL REQUIREMENTS



LITHIUM BATTERY SHIPPING GUIDE . JANUARY 14, 2020 . The following guide provides a summary of marking, labeling and paperwork requirements for shipping lithium batteries via domestic US ground (49 CFR 171-180 in effect 1-Jan-2020), international air (2020 IATA DGR, 61. st.



Labeling Requirements. Accurate labeling is crucial for compliance and safety during shipping. Clear Labeling. Lithium Batteries Label: The outer package must be clearly labeled as containing "Lithium Batteries." This label should be easily visible and not obstructed. UN Identification Numbers. Lithium-Ion Batteries: UN3480: For batteries



What are the requirements of Special Provision 34? Special Provision 34 exempts a person from the TDG Regulations (except for Parts 1 and 2) if lithium cells or batteries are handled, offered for transport or transported on a road vehicle, railway vehicle or vessel on a domestic voyage and if certain conditions are met.. If each cell and battery type has not passed all the tests in ???

LITHIUM BATTERY SHIPPING LABEL REQUIREMENTS



Shipping Lithium Batteries Updated: September 2022 Produced by AOC and ASH.2022-ASH-017.
About this document: This document provides awareness of the International Civil Aviation Organization's (ICAO) 2021 -2022 Edition of the Technical Instructions (Doc 9284) requirements for lithium batteries. This document does not replace any regulation



This publication directs readers to scenario-based shipping guides that outline the requirements to ship packages of lithium cells and batteries in various configurations. Each distinct shipping guide in this document refers to the regulatory requirements for a specific lithium cell/battery type, configuration, or size.



Shipping Lithium Batteries Updated: April 2024
Produced by AOC and ASH.2022-ASH-017 Civil Aviation Organization's (ICAO) 2023-2024 Edition of the Technical Instructions (Doc 9284) requirements for lithium batteries. This document does not replace any regulation and is not considered training. Class 9 + CAO Label + Lithium Battery Mark

LITHIUM BATTERY SHIPPING LABEL REQUIREMENTS



7.1.C.Lithium battery shipping information for ocean transport referenced in this guide (including pictured labels) are based off the International Maritime Dangerous Goods ??? Exempt from any marking and labeling requirements for consignments of two packages or less ??? If more than two packages, use the below label Documentation



Like lithium batteries, there are strict regulations to follow when shipping wet batteries internationally. An IATA Dangerous Goods label must be attached, along with the correct UN number and shipping name for the particular type of batteries. You must also complete a Dangerous Goods Shipper's Declaration, detailing the contents and potential

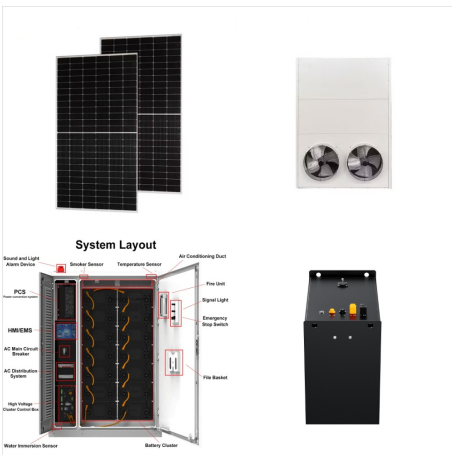


Note. Effective 1 July 2015, all existing customers and new customers who wish to ship lithium metal batteries without equipment (UN3090) via UPS (R) Air services must obtain pre-approval from UPS Airlines. This requirement is to ensure that proper training has taken place and that all applicable safety regulations are properly followed for such shipments.

LITHIUM BATTERY SHIPPING LABEL REQUIREMENTS



Class Packing Group II ICAO-Labels 9 Proper shipping name Lithium-Ion batteries, UN 3480 IATA: Special provisions A88, A99, A154, A164, packing instructions P965, P966, P967, P968, P969, P970 As such, the following sections provide a simplified overview of the requirements for shipping lithium batteries via different modes of transport.



The Lithium Battery label is required for consignments which have a larger number, or more powerful, batteries. The Lithium Battery label is also specified in the IATA DGR. Regulations for shipping lithium batteries by air ???

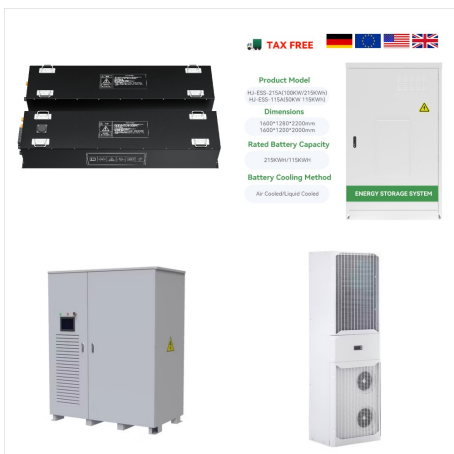


Shipping lithium batteries involves specific labels to ensure safety. These labels provide crucial information to handlers and transporters. Labeling requirements for lithium batteries are quite strict. They ensure safety and compliance with regulations. Here are some key requirements: Clear and Legible: Labels must be easy to read. If you

LITHIUM BATTERY SHIPPING LABEL REQUIREMENTS



Safety measures: A thorough understanding of how to handle, label, and package lithium-ion batteries is critical to avoid incidents or accidents during transit. Lithium-Ion battery shipping regulations. When shipping L i-ion batteries via air, sea, rail, or road, compliance with the United Nations Standard 38.3 is a critical requirement.



? 173.185 Lithium cells and batteries. As used in this section, consignment means one or more packages of hazardous materials accepted by an operator from one shipper at one time and at one address, receipted for in one lot and moving to one consignee at one destination address. Equipment means the device or apparatus for which the lithium cells or batteries will ???



Label Domestic Air 1 Domestic Surface 1 U.S.
 Installed in equipment (Up to 4 cells or 2 batteries)
 UN3481 - Lithium ion . UN3091 - Lithium metal : No:
 Yes: Yes: Yes: Installed in equipment (More than 4 cells or 2 batteries) UN3481 - Lithium ion . UN3091 - Lithium metal . Yes (see Lithium battery mark) Not accepted 2: Yes 3: Not accepted