

# Transport document for lithium batteries

What documents do you need to ship a lithium battery?

**Transport Document:** For lithium battery shipments, this specifies the UN number, shipping name, hazard class, packing group, and total quantity. **Pilot Notification:** For shipping lithium batteries by air, pilots must receive written information on the presence and location of lithium batteries.

Can lithium batteries be transported by air?

The purpose of this document is to provide guidance for complying with provisions applicable to the transport by air of lithium batteries as set out in the IATA Dangerous Goods Regulations. Copyright © SKYbrary Aviation Safety, 2021-2024. All rights reserved.

Can a lithium battery be transported aboard a passenger-carrying aircraft?

In accordance with USG-02, primary (non-rechargeable) lithium metal batteries and cells (UN3090) are forbidden for transportation aboard passenger-carrying aircraft. Such batteries transported in accordance with Section I of Packing Instruction 968 must be labelled with the cargo aircraft only label.

What are the shipping requirements for a lithium ion battery?

All packages prepared in accordance with Packing Instruction 968, Section IA, IB and II, must bear a Cargo Aircraft Only label, in addition to other required marks and/or labels. All lithium ion cells and batteries (UN 3480 only) must be shipped at a state of charge (SoC) not exceeding 30% of their rated capacity.

Do lithium ion batteries have to be on a shipper's declaration?

No. For lithium ion batteries shipped in accordance with Section IA or Section IB of PI 965, which must be on a Shipper's Declaration, the Shipper's Declaration includes a certification statement "I declare that all of the applicable air transport requirements have been met."

Can a lithium battery be shipped alone?

You can still ship stand-alone lithium batteries if they comply with either Section IA or IB of the IATA Dangerous Goods Regulations (DGR) packing instructions 965 and 968, which are fully regulated dangerous goods shipments that require the Shipper's Declaration for Dangerous Goods be completed and signed by a trained shipper.

Transport Document for Lithium Batteries in Section IB and II V.1.4 Jan 2014 Air Waybill / HAWB: Shipper: Consignee: ... o Lithium ion cells/batteries - rechargeable - includes lithium polymer cells/batteries o Lithium metal cells/batteries - generally non-rechargeable.

Dangerous Goods - Reference Document Road & Sea Transport of Lithium Batteries Created by: TNT Express Dangerous Goods Department Version: December 2017 (based on the 2017 edition of the ADR & the 2015 edition of the IMDG Code) Page 3 of 4 3. Transport of Lithium Batteries as per ADR Special Provision

Guidance Document - Transport of Lithium Batteries Revised 10 August 2009 &#202; Lithium-ion batteries (sometimes abbreviated Li-ion batteries). Are a type of secondary (rechargeable) battery commonly used in consumer electronics. Also included within lithium-ion batteries are lithium polymer batteries. Lithium-ion

This compliance resource was prepared to assist a shipper to safely package lithium cells and batteries for transport by all modes of transportation according to the latest (May 11, 2020; HM-2150) regulatory requirements. ... distinct shipping guide in this document refers to the regulatory requirements for a specific lithium cell/battery type ...

2022 Lithium Battery Guidance Document Transport of Lithium Metal and Lithium Ion Batteries Revised for the 2022 Regulations ... The purpose of this document is to provide guidance for complying with provisions applicable to the transport by air of lithium batteries as set out in the DGR. Specifically, the document provides information on:

2022 Lithium Battery Guidance Document Transport of Lithium Metal and Lithium Ion Batteries . Revised for the 2022 Regulations . Introduction This document is based on the provisions set out in the 2021-2022 Edition of the ICAO Technical Instructions for the Safe Transport of Dangerous Goods by Air (Technical Instructions) and the 63. rd

LITHIUM-ION BATTERIES PACKED WITH EQUIPMENT UN 3481 or LITHIUM-ION BATTERIES CONTAINED IN EQUIPMENT UN 3481 Sea Freight Container-Marking Container Plackards (min. 25 cm x 25 cm) Transport Document UN 3480 LITHIUM ION BATTERIES, 9, (E) Number of packages and packaging type (e.g. 1 Fibreboard box) weight (e.g. xx kg)

Guidance Document - Transport of Lithium Batteries Revised for the 2012 Regulations . Page . 4. of . 23. Packages containing lithium batteries, or lithium batteries contained in, or packed with, equipment that meet the provisions of Section II of these packing instructions are not required to have a Class 9 hazard label and there is no ...

To assist shippers in understanding the complete requirements related to the transport of lithium batteries, ... The guidance document on the carriage of battery-powered cargo tracking devices and data-loggers has been revised to include reference to EASA guidance and the revised FAA advisory circular as well as to incorporate revisions to the ...

o Revision to the lithium battery mark. A telephone number is no longer required on the lithium battery mark. Lithium battery marks with a phone number may continue to be applied until December 31, 2026. o Packing Instructions 965 and 968 - removal of Section II o Packing Instructions 966 and 969 - clarification on protection against ...

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2021 Lithium Battery Guidance Document Transport of Lithium Metal and Lithium Ion Batteries . Revised for the 2021 Regulations . Introduction This document is based on the provisions set out in the 2021-2022 Edition of the ICAO Technical Instructions for the Safe Transport of Dangerous Goods by Air (Technical Instructions) and the 62. nd

Lithium Battery Test Summary . A test summary complying with the requirements of the UN Manual of Tests and Criteria, Part III, Subsection 38.3, Paragraph 38.3.3.5 is required to prove all cells/batteries have been properly tested. Test Summary is not a transport document and is not required to be provided as a transport document. However,

Lithium battery hazardous label Documents Air waybill \*1 Declaration for DG Air waybill \*2 Declaration for DG Air waybill Training ... The major additional information for air transport of lithium cells and batteries The test summary must be made available as specified in the UN Manual of Tests and Criteria, Part III, sub-section

applicable to the transport by air of lithium batteries as set out in the 7: th: Edition of 5 the IATA Dangerous Goods Regulations (DGR). The provisions of the DGR with ... 2016 Lithium Battery Guidance Document 7 January 2016 : Definitions : Lithium Battery The term "lithium battery" refers to a family of batteries with - ...

Transport Document For Lithium Batteries In Section Ib And Ii Future Lithium-ion Batteries 2019-03-14 Ali Eftekhari Lithium-ion batteries are an established technology with recent large-scale batteries finding emerging markets for electric vehicles and household energy storage. Battery research during the past two decades has focussed on ...

applicable to the transport by air of lithium batteries as set out in the DGR. Specifically the document provides information on: o Definitions; ... IATA Lithium Battery Guidance Document - 2014 APCS/Cargo Page 2 05/11/2013 : Definitions : Lithium Battery - The term "lithium battery" refers to a family of batteries with ...

The classification of batteries for transport. Lithium batteries, like all objects classified as "dangerous", are associated with a specific hazard class. Lithium ion batteries are in fact Class 9: Miscellaneous - Hazardous Materials. ...

2018 Lithium Battery Guidance Document Transport of Lithium Metal and Lithium Ion Batteries Revised for the 2018 Regulations Introduction This document is based on the provisions set out in the 2017-2018 Edition of the ICAO Technical Instruction for the Safe Transport of Dangerous Goods by Air (Technical

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Lithium Battery Guidance Document: Transport of Lithium Metal and Lithium Ion Batteries. Last Updated On August 15, 2024. ... For example, one of the most important ideas outlined in the lithium battery guidance document is the definition of a battery itself and the term "equipment". They make it clear that things like battery packs and ...

Guidance Document - Transport of Lithium Batteries Revised for the 2012 Regulations . is to be lithium batteries packed with equipment as indicated by special provision A181. A181 . When a package contains a combination of lithium batteries contained in equipment and lithium batteries packed with equipment, the package must be

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