

Consignment regulations for lithium batteries

What are the 2024 lithium batteries regulations?

2024 Lithium Batteries Regulations (continuation). Any equipment packed with or containing lithium batteries (in particular equipment returned for repair purposes as part of reverse logistics / service parts program), must have the batteries removed from the equipment in order to be accepted for carriage with DHL.

Are lithium batteries subject to additional requirements?

Lithium metal or lithium alloy cells and batteries offered for transport are not subject to other additional requirements of these Regulations if they meet the requirements in this section, in addition to the General Requirements, above.. 5.0.2 .12.1.

What are the shipping requirements for lithium ion batteries?

In addition, lithium-ion cells and batteries shipped by themselves must be shipped at a state of charge not exceeding 30% of their rated capacity. Lithium batteries are dangerous goods, and all of the regulatory requirements must be complied with, as set out in the Lithium Battery Shipping Regulations.

What is the IATA/ICAO regulation for lithium metal batteries?

The IATA /ICAO regulation applies to loosely packed Lithium Metal batteries adhering to Section II, PI-968 while Lithium Metal batteries packed with equipment (PI-969) or contained in equipment (PI-970) are acceptable for transport.

Do lithium batteries need a class 9 hazard label?

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 requirement for a Shipper's Declaration for Dangerous Goods for consignments of these batteries.

What are the limitations on lithium metal batteries?

Lithium metal batteries shipped to, from or through the United States are subject to additional limitations specified in the US national dangerous goods regulations contained in Code of Federal Regulations Title 49 (49 CFR). The basis of these limitations is reflected in State Variation USG-02, which states that:

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consignment of lithium batteries may be transported as Class 9 (UN 3090) on passenger aircraft with the prior approval of the authority of the State of Origin and with the approval of the ...

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IATA provides the most comprehensive guide to international air transport regulations for shipping lithium batteries by air in their Lithium Battery Shipping Regulations manual. Navigating the rules surrounding how to ship ...

consignment of lithium batteries may be transported as Class 9 (UN 3090) on passenger aircraft with the prior approval of the authority of the State of Origin and with the approval of the operator, see

packages/consignment N/A Those necessary to power the equipment and 2 spare sets ... Lithium batteries packed according to PI965 Section IA and PI966 & PI967 Section I are not accepted in Time Definite International when transported via road to/from an ADR member state. PI965 Section IA / IB and PI966 & PI967 Section I - Cells and batteries must not be packed in the ...

IATA provides the most comprehensive guide to international air transport regulations for shipping lithium batteries by air in their Lithium Battery Shipping Regulations manual. Navigating the rules surrounding how to ship lithium batteries can be complicated, but IATA's manuals simplify the complex task in easy step-by-step processes.

IMPORTANT: RECALLED OR DEFECTED LITHIUM BATTERIES ARE FORBIDDEN FOR AIR TRANSPORT. V 5.7 - Effective from: 1st January 2022.

Lithium metal and lithium ion batteries larger than those described in Section II of the applicable packing instruction must be assigned to Class 9 and consigned as UN 3090 (Lithium metal ...

Figure 1 - Example of Lithium Metal Cells and Batteries Lithium-ion batteries (sometimes abbreviated Li-ion batteries) are a secondary (rechargeable) battery where the lithium is only present in an ionic form in the electrolyte. Also included within the category of lithium-ion batteries are lithium polymer batteries. Lithium-ion batteries are ...

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Regulations, power banks are to be classified as batteries and must be assigned to UN 3480, lithium ion batteries, or UN 3090, lithium metal batteries, as applicable. For carriage by ...

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approval of the authority of the State of origin and with the approval of the operator, see Special Provision A201. All other lithium metal cells and batteries can only be shipped on a passenger aircraft under exemption issued by all States concerned. Figure 1 - Example of ...

Regulations, power banks are to be classified as batteries and must be assigned to UN 3480, lithium ion batteries, or UN 3090, lithium metal batteries, as applicable. For carriage by passengers, power banks are considered spare batteries and

Please explain the documentation requirements for consignments of lithium batteries which are required to have the lithium battery handling label. Each consignment of packages with lithium batteries that is required to have the lithium

The provisions for Lithium Batteries in UN Model Regulations o Lithium (or Sodium ion) batteries can be classified under the following UN Numbers : o UN 3090 : LITHIUM METAL BATTERIES o UN 3091 : LITHIUM METAL BATTERIES CONTAINED IN EQUIPMENT or LITHIUM METAL ...

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