

## Package contains lithium ion batteries

This package contains lithium cells or batteries in the following configuration (check applicable): Lithium Ion - with a maximum of o 20 Watt-hours per cell; and o 100 Watt-hours per battery: Lithium Metal - with a maximum of o 1 gram of lithium metal per cell; and

UN 3480, PI965 - loose lithium-ion batteries (not contained in, or packed with, equipment) with a State of Charge of 30% or lower\* ... where cells contain 1 gram or less of lithium or batteries contain 2 grams or less (Low volume shipping) ... number of packages: no limit; Labeling lithium batteries for ground/sea transport.

USPS Packaging Instruction 9D Lithium Metal and Lithium-ion Cells and Batteries -- Domestic. Except according to 349.21, lithium metal (nonrechargeable) cells and batteries and lithium-ion (rechargeable) cells and batteries are mailable in limited quantities domestically via air or surface transportation when they are installed in or packed with the equipment they are intended to ...

Why do some packages of lithium and lithium ion batteries now contain a "Caution" marking? 3. Must consumer-sized lithium or lithium ion batteries be shipped as regulated ... differences are that lithium batteries contain lithium metal and are not rechargeable. Lithium ion batteries, however, do not contain lithium metal and can be recharged.

Indicate the packages contains "lithium metal" or "lithium ion" cells/batteries, as appropriate; ... For lithium-ion cells and batteries with a watt-hour rating of not more than 2.7 Wh, or lithium metal batteries with lithium content no more than 0.3 grams as long as the mailpiece does not exceed 2.5 kilograms (5.5 pounds). There is no ...

quantity is the net weight of the article, e.g. for "Lithium ion batteries contained in equipment", the net quantity is the net weight of the lithium ion batteries in the package. Overpack means an enclosure used by a single shipper to contain one or more packages and to form one handling unit for convenience of handling and stowage.

Lithium-ion battery packages must be sealed properly and should be able to contain leaks within them, if an electrolyte spill happens. If the package has damage, tears, and punctures, it will make it unsuitable for shipment. To avoid short circuits, the batteries must be secured upright. The shipments also need to be segregated from unnecessary ...

Lithium Battery Forbidden Marking: Package Contains Lithium-Ion Batteries (No Lithium Metal) (LB-4008) Learn More... Orders over \$39.95 ship for free. Part# LB-4008 SPN# 52E0: Color: Red on White: Shape: Horizontal: Product Description. When you're shipping, make sure you stay DOT-compliant with Lithium Battery Forbidden Marking labels. ...

A lithium battery shipping label serves this purpose and warns handlers to pack, store, and ship the packages



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that contain lithium batteries properly and according to regulations. ... Lithium-ion batteries power common electronic devices such as children's toys, digital cameras, cellphones, laptops and tablets, power tools, e-cigarettes, and ...

-- the package contains lithium ion cells or batteries; -- the package must be handled with care and that a flammability hazard exists if the package is damaged; -- special procedures must be followed in the event the package is damaged, to include inspection and repacking if necessary; and -- a telephone number for additional information.

**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 shipped alone. UN3481: For batteries contained in or packed with equipment. **Lithium Metal Batteries:**

What Labelling and Marking is required to Send a Package of Lithium Batteries? ... Lithium-ion batteries contain lithium which is only present in an ionic form in the electrolyte and are rechargeable. Within these two broad classifications, there are many different chemistries. For example, within lithium-ion batteries there are lithium polymer ...

Improperly packaged lithium batteries can ignite, causing fires that are difficult to extinguish and pose a significant risk to the safety of transportation workers and the general ...

Lithium ion battery <= 100 Wh Packages containing LITHIUM BATTERIES (not contained in or packed with equipment) must not exceed 30 kg gross mass. **PACKAGING** Packing Instruction P903, Regulated as Class 9 P908, Damaged or defective cells and batteries of UN Nos. 3090, 3091, 3480 and

In the month of November we have had over 100 packages returned and stamped "rejected contains lithium battery". Every package is the same, they get rejected in Chicago which is the last stop before leaving internationally. Does anyone have any thoughts or can provide any guidance. The worst part is for all these returned packages we do not get ...

The training course will guide attendees through general lithium battery requirements as well, as providing step-by-step procedures on how to classify, package and ship lithium batteries alone, in-equipment, or with equipment. This course will also, provide an overview of UPS specific policies regarding the transport of lithium batteries.

o Stand-alone--Package contains only the cells/batteries--no equipment: o UN3090, Lithium metal batteries including lithium alloy batteries o UN3480, Lithium ion batteries including lithium ion polymer batteries o Packed with--Package contains not only the equipment, but also cells/batteries that are not installed in the equipment:



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Lithium ion batteries in contrast contain lithium which is only present in an ionic form in the electrolyte. They are also rechargeable. ... e.g. UN 3091, UN 3481, to identify that the package contains lithium metal batteries packed with, or contained in equipment and lithium ion batteries packed with, or contained in equipment.

If you're shipping lithium-ion batteries as a standalone, use a battery label with UN3480. Standalone refers to packages that only contain batteries. On the other hand, if you're shipping lithium-ion batteries packed with or contained in equipment, use a battery label with UN3481. This distinction helps ensure compliance with shipping regulations and proper ...

Buy Lithium Ion Battery Label Stickers, Large 4.375" X 4.75" Adhesive Labels Made in The USA (UN3481, 500 Labels): Shipping & Handling Labels - Amazon FREE DELIVERY possible on eligible purchases ... Our labels are over 120mm X 110 mm and contain all necessary hashmarks and icons PICK YOUR BATTERY TYPE - 3090 for packages containing lithium ...

Lithium battery shipping with USPS may seem challenging, but with the right information, it can be a smooth process. This guide offers essential information for shipping batteries, packaging, prohibited items, labeling, and ...

FedEx Ground does not accept damaged batteries or defective batteries that pose a safety risk. Special regulations apply to lithium-battery shipments. Refer to 49 CFR 173.185 and 49 CFR 172.102. Markings and documentation must include: An indication that the package contains "lithium metal" or "lithium ion" cells or batteries, as ...

It is important to stay compliant when you pack and ship lithium ion batteries. Having the right documents, packaging, and labels are key. Why Our Labels Cost Less. 800.875.7000 ... UN 3480 signifies the package contains batteries not being shipped with other products with UN 3481 means the package contains batteries in equipment or packaged ...

This symbol serves as a clear indicator that the package contains lithium batteries. In addition to the symbol, the stickers should also include the words "Lithium Battery" or "Lithium Ion Battery" to provide further information. Furthermore, it is important to ensure that the shipping stickers are placed in the correct orientation.

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.

lithium batteries in your package > 5Kg? Are you shipping lithium batteries contained in equipment or packed with equipment? Are any of the batteries > 0.3g? Does your package1 of lithium batteries contain > 8 cells or > 2 batteries? Does your package contain > 2.5Kg of batteries? A UPS Dangerous Goods contract will be required.\*\*



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Most consumer electronics, such as laptops and cell phones contain smaller batteries that do not exceed 100 Wh for lithium ion batteries or 2g for lithium metal batteries. These smaller batteries are easy to ship if you follow these very important guidelines. Make sure to check the documentation from the manufacturer or the battery markings to

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ion batteries. Lithium metal batteries are generally non-rechargeable and contain metallic lithium. Lithium ion batteries do not contain metallic lithium and are rechargeable. B. What are lithium polymer batteries? A lithium polymer battery is a type of lithium ion battery. Generally, the main difference is lithium ion polymer batteries contain ...

A lithium-ion or Li-ion battery is a type of rechargeable battery that uses the reversible intercalation of Li + ions into electronically conducting solids to store energy. In comparison with other commercial rechargeable batteries, Li-ion batteries are characterized by higher specific energy, higher energy density, higher energy efficiency, a longer cycle life, and a longer ...

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