

Does a lithium battery Mark have a UN number?

Yes. The mark may bear all applicable UN numbers, 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. J. What are the requirements for the telephone number on the lithium battery mark?

## What is a lithium ion battery?

o Lithium Metal Batteries: Generally non-rechargeable batteries that are most often used to power devices such as watches, cameras, defibrillators, and car key fobs. o Lithium-Ion Batteries: A rechargeable battery commonly found in cell phones, laptops, power tools, and tablets.

### 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.

### Can a lithium ion battery be shipped as cargo?

may be shipped as cargoon a passenger aircraft under an approval issued by the authority of the State of Origin, State of Destination and State of the Operator where the lithium ion cells or batteries that meet the quantity limits of Section II of PI 965.

#### Does Pi 967 require a lithium battery Mark?

lithium battery mark is not requiredfor packages prepared in accordance with Section II of PI 967 or PI 970 containing only button cell batteries installed in equipment (including circuit boards) or consignments of two packages or less where each package contains no more than four cells,or two batteries installed in equipment.

#### Can You ship lithium ion batteries via air?

The International Air Transport Association (IATA) now forbids shippingstand-alone lithium metal batteries, UN3090, and stand-alone lithium-ion batteries, UN3480, classified as Section II shipments via air.

UN3480 refers to lithium-ion batteries shipped alone, while UN3481 pertains to lithium-ion batteries contained in or packed with equipment. This distinction impacts shipping regulations and safety requirements.

These instructions have been specifically prepared for the shipment of lithium batteries fully regulated as Class 9, UN3090, UN3091, UN3480, UN3481; effective January 1, 2023; ADR 2023. DO NOT USE THESE SHIPPING INSTRUCTIONS FOR OTHER BATTERY TYPES.



The IATA has released the 2022 edition of their Lithium Battery Guidance Document, which includes updated regulations that ensure lithium batteries are being transported safely. Lithium batteries pose a danger to air transport. They can self-ignite during flights if damaged or packaged improperly.

Yes, you can still ship lithium batteries by air. It's important to remember the 2016 restrictions apply only to standalone lithium-ion batteries (UN3480) and commercial aircraft. Standalone lithium metal batteries ...

Labeling and Documentation: Shipments must be labeled with proper handling labels, including the lithium battery handling label and the appropriate UN number (e.g., UN3480 or UN3090). ...

Lithium ion batteries packed by themselves (Packing Instruction 965) (not contained in or packed with equipment): (a) must be shipped at a state of charge (SoC) not exceeding 30% of their rated capacity.

Substance information for UN 3480 - Lithium ion batteries including lithium ion polymer batteries based on the Hazardous Materials Table (Title 49 CFR 172.101) to assist in preparing a risk assessment for loading, transporting and storing hazardous materials.

Yes, you can still ship lithium batteries by air. It's important to remember the 2016 restrictions apply only to standalone lithium-ion batteries (UN3480) and commercial aircraft. Standalone lithium metal batteries (UN3090) are also banned from commercial aircraft.

These instructions have been specifically prepared for the shipment of lithium batteries fully regulated as Class 9, UN3090, UN3091, UN3480, UN3481, in compliance with the IMDG Code, Amendment 41-22 (voluntary application January 1, 2023; mandatory January 1, 2024).

Only trained hazmat employees may ship lithium batteries using this guide. Excepted lithium ion batteries Lithium ion - 20 Wh/cell, 100 Wh/battery Fully Regulated Batteries UN3480 Lithium ...

Lithium ion batteries classified under UN3480 include those that meet specific criteria set by the United Nations. These criteria involve testing the battery's performance under various conditions to ensure safety during transport.

Substance information for UN 3480 - Lithium ion batteries including lithium ion polymer batteries based on the Hazardous Materials Table (Title 49 CFR 172.101) to assist in preparing a risk ...

Only trained hazmat employees may ship lithium batteries using this guide. Excepted lithium ion batteries Lithium ion - 20 Wh/cell, 100 Wh/battery Fully Regulated Batteries UN3480 Lithium ion batteries 4G/Y24/S/24 USA/JVC1212 drop test 1.2 meters Weight of the package less than or equal to 30 kilos UN3480, Lithium ion batteries, 9 F-A, S-I DG ...



Labeling and Documentation: Shipments must be labeled with proper handling labels, including the lithium battery handling label and the appropriate UN number (e.g., UN3480 or UN3090). Dangerous goods declarations and safety data sheets (SDS) must accompany the shipment.



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