

Un3480 solar container lithium battery pack





Overview

What is a un3480 lithium ion battery?

UN3480 Lithium Ion Batteries are classified under the UN Manual of Tests and Criteria for dangerous goods transport. They refer to lithium-ion batteries shipped alone (not installed in equipment) and must comply with strict packaging, labeling, and documentation standards to mitigate risks like thermal runaway, fires, or explosions during transit.

Are un3480 batteries dangerous?

UN3480 is a lithium-ion battery not contained in equipment, classified as dangerous goods for transport. Can UN3480 batteries be used in e-bikes?

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What is the difference between un3480 and un3481 batteries?

UN3480 batteries are shipped alone, while UN3481 batteries are contained in or packed with equipment. UN3481 generally has more relaxed shipping restrictions but requires clear documentation. Redway Power offers guidance for both types to ensure safe handling. [READ What Happens If You Use the Wrong Size Battery?](#)

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How are un3480 batteries classified under international regulations?

UN3480 falls under Class 9 hazardous materials as per the UN Dangerous Goods Code. This classification applies to standalone lithium-ion batteries exceeding 20 Wh per cell or 100 Wh per battery.



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Apr 11, 2025 · UN3480 Lithium Ion Batteries are classified under the UN Manual of Tests and Criteria for dangerous goods transport. They refer to lithium-ion batteries shipped alone (not ...

What You Need to Know About UN3480 Lithium Ion Batteries

Jan 3, 2025 · UN3480 lithium-ion batteries are commonly used in consumer electronics, electric vehicles, and industrial equipment. These batteries are classified as hazardous for transport ...

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Lithium Battery Shipping Requirements

Lithium battery shipping requires strict compliance with international hazardous materials regulations due to potential safety risks. This 2024 ...

UN3480 Lithium Ion Batteries: The Complete Guide to Safe ...

Ever tried mailing a fire-breathing dragon? That's essentially what shipping lithium ion batteries UN3480 feels like for supply chain professionals. These power-packed energy sources fuel ...

Lithium Battery Shipping Requirements

Lithium battery shipping requires strict compliance with international hazardous materials regulations due to potential safety risks. This 2024 guide covers essential requirements for ...

UN 3480, UN3481, UN3090, UN3091, UN3171, UN3536: ...

Lithium battery products are classified as Class 9 dangerous goods and divided into several categories such as lithium batteries, lithium battery equipment, battery-powered vehicles, and ...

UN3480, LITHIUM ION BATTERIES, 9

Mar 27, 2025 · UN3480, LITHIUM ION BATTERIES, 9 (§ 173.185 -> Fully regulated cells & batteries) ONLY TRAINED HAZMAT EMPLOYEES MAY SHIP LITHIUM BATTERIES USING ...

Shipping Lithium-Ion Batteries: UN3480 & UN3481 Regulations

3 days ago · Learn the essential regulations for shipping lithium-ion batteries (UN3480 & UN3481) to ensure safety and compliance in your logistics operations.

Shipping Lithium-Ion Batteries: UN3480

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UN3481) to ensure safety and compliance in your logistics ...

CINS Guidelines for shipping Lithium-ion cells in containers

Jun 20, 2025 · It is intended for shipping companies, operators and carriers to help with safe transportation of lithium-ion cells, classified under UN nos 3480 and 3481 in Cargo Transport ...

Lithium battery packaging

Dec 3, 2025 · Transporting lithium batteries presents specific risks due to their potential instability. To meet the requirements of international regulations (ADR, IATA, IMDG), ISOVATION offers ...

What Are the Safety Guidelines for Transporting UN3480 Lithium

UN3480 refers to the classification of lithium-ion batteries that are shipped on their own, and understanding its regulations is crucial for ensuring safe transportation. This article reviews the ...

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