

PIENAAR ENERGY (PTY) LTD

Amman solar container battery air transport capacity restrictions



Overview

There are restrictions as to how many lithium-ion batteries can be sent within separate containers by air. □ This document is based on the provisions set out in the 2025-2026 Edition of the ICAO Technical Instructions for the Safe Transport of Dangerous Goods by Air (Technical Instructions) and the 66th Edition (2025) of the IATA Dangerous Goods Regulations (DGR). For ocean, acceptance is determined on a case-by-case basis. There is generalized guidance on proper packaging and handling methods and also greater detail where necessary for a better understanding of the requirements. Our goal is for you to become familiar with the current Lithium Batteries & Cells Shipping Guide by following these simple instructions and for you to use it as an ongoing source for the proper packaging, documentation and labeling of lithium batteries. As with all hazardous goods, safely shipping lithium-ion batteries by air requires having personnel with the appropriate expertise and training and complying with strict labeling and. Shipping batteries—especially lithium batteries—requires strict compliance with international transport regulations. Whether you are shipping by sea or by air, understanding the rules and required documents helps prevent delays, fines, and safety issues. This guide explains the process simply and.

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Shipper Guide Batteries Air

PHMSA prepared this guide with the help of FAA, and with input from experts in the battery, airline, and shipping industries, to assist you in safely packaging batteries for transport by air.

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How to Ship Batteries: A Complete Guide for Global Logistics

Shipping batteries--especially lithium batteries--requires strict compliance with international transport regulations. Whether you are shipping by sea or by air, understanding the rules and required

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Battery Guidance Document

Currently, it is strongly recommended that when offered for air transport, equipment that is packed with, or contains, lithium-ion batteries, and vehicles powered by lithium-ion batteries have the batteries at a state of ...

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Battery Shipping: Classification, Best Practices, and more , Maersk

The rules are especially strict for air transport due to the elevated fire risks associated with the confined environment and altitude. In the following sections, we highlight the key classifications, ...



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Are there any restrictions on shipping lithium solar batteries?

For air transportation, IATA has strict rules regarding the quantity of lithium batteries that can be shipped per package and per aircraft. The batteries must be properly packed to prevent short - circuits, and the ...

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Lithium Battery Shipping Guide

Shippers should also check with the carrier they are using for any additional restrictions and verify country regulations for any differences that may apply. I have read through and agree to the above information and ...



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Shipping Lithium Batteries Internationally , MSC



There are restrictions as to how many lithium-ion batteries can be sent within separate containers by air. Only a maximum of four can be sent, with two per container, and each battery must have a ...

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Shipping lithium batteries by air

Lithium-ion batteries must be appropriately labeled so everyone handling them can comply with the relevant guidelines for Class 9 dangerous goods. The required information on the label may include the type, weight, ...

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2026 Lithium Battery Transport New Regulations: Comprehensive

According to IATA DGR 67th edition, starting from Janu, significant changes will be made to the SoC requirements for lithium battery air transport: Part I: Lithium batteries must be transported ...

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Safe Transportation of Lithium-ion Batteries: Shipping

Regulation

Air transport restrictions often include capacity limitations, state-of-charge requirements (typically 30% maximum), and complete prohibitions on damaged or defective batteries.

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