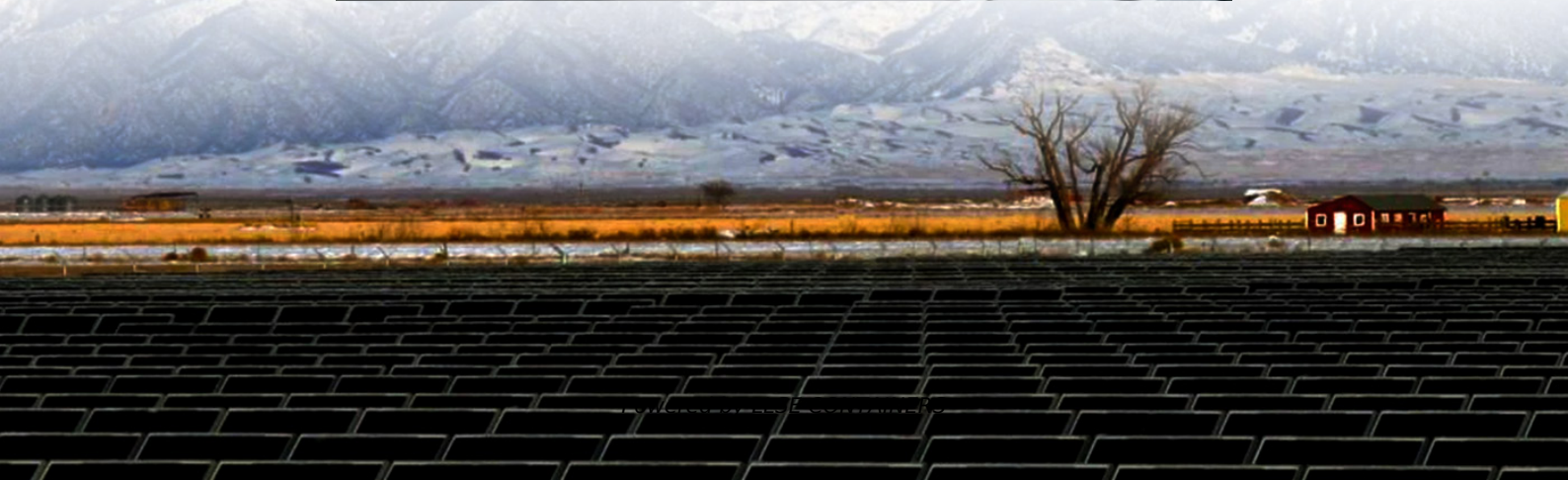


# **Regulations on Lithium-ion Batteries for solar container communication stations**





## Overview

---

What are the lithium-ion batteries in containers guidelines?

The Lithium-ion Batteries in Containers Guidelines that have just been published seek to prevent the increasing risks that the transport of lithium-ion batteries by sea creates, providing suggestions for identifying such risks and thereby helping to ensure a safer supply chain in the future.

What is the ICAO guidance document for lithium ion batteries?

Battery Guidance Document Transport of Lithium Metal, Lithium Ion and Sodium Ion Batteries Revised for the 2025 Regulations Introduction 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 66 th.

What are the limitations of lithium ion batteries?

Key Restrictions: Capacity limits: Lithium-ion cells  $\leq 20\text{Wh}$ ; lithium-metal cells  $\leq 1\text{g}$  lithium content. State of Charge (SOC): Must be  $\leq 30\%$  during transport. Sodium battery regulations: Sodium-ion batteries must pass UN38.3 tests and follow new classification and packaging guidelines.

When should lithium ion cells & batteries be offered for transport?

It is recommended that lithium-ion cells and batteries (Section I & II) are offered for transport at a state of charge not exceeding 30% of their rated capacity. From 1 January 2026 Section I Lithium-ion cells and batteries must be offered for transport at a state of charge not exceeding 30% of their rated capacity.



## Regulations on Lithium-ion Batteries for solar container communica

---



### [CINS Guidelines for Shipping Lithium-ion Cells in Containers](#)

Jun 25, 2025 · It focuses on the specific risks associated with shipping lithium-ion cells - which differ from lithium-ion batteries due to differences in structure and configuration. As ...

### [Cargo Container Guidelines](#)

May 11, 2023 · While the Guideline addresses the general classification and regulation for the testing and carriage of lithium-ion batteries, as defined in the UNECE 2021 testing criteria and ...



### **Battery guidance document**

Feb 3, 2025 · Battery Guidance Document Transport of Lithium Metal, Lithium Ion and Sodium Ion Batteries Revised for the 2025 Regulations Introduction This document is based on the ...

### [Lithium-ion Batteries in Containers Guidelines](#)

Lithium-ion Batteries in Containers Guidelines  
The Lithium-ion Batteries in Containers Guidelines that have just been published seek to prevent the increasing risks that the transport of



lithium ...



### [Requirements for Shipping Lithium Batteries 2025](#)

Jul 1, 2025 · The Carriage of Electric Vehicles, Lithium-Ion Batteries, and Battery Energy Storage Systems by Seas Executive Summary  
The rapid global adoption of electric vehicles (EVs), ...



### [CINS issues guidance on shipping lithium-ion cells in containers](#)

Jun 23, 2025 · Lithium-ion cells are the primary elements of a battery and can exist in various forms. Commonly used in portable electronics and electric vehicles, their defining ...



### [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 ...





## [CINS issues guidance on shipping lithium-ion cells in containers](#)

Jun 24, 2025 · Offering short training presentations on battery regulations and packing at warehouses can further educate shippers and minimize risks. Shipment of used Lithium-ion ...



## Contact Us

---

For catalog requests, pricing, or partnerships, please visit:  
<https://llsolarenergy.co.za>

## Scan QR Code for More Information



<https://llsolarenergy.co.za>