

# **Chemical solar container battery shipments**





## Overview

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What logistical considerations should you consider when shipping solar batteries?

The top logistical considerations for shipping these types include: State of charge - Partially charged solar batteries are recommended for transport to minimize fire risks. This requires coordination with suppliers. Weight - Solar battery banks can be very heavy. Proper structural support in containers/trucks is needed.

What types of batteries can I mail or ship internationally?

There are many types of batteries that have different requirements when you wish to mail or ship them internationally: Wet batteries, also known as flooded lead-acid batteries, are commonly found in vehicles and backup power systems.

Are wet batteries safe to ship internationally?

Like lithium batteries, there are strict regulations to follow when shipping wet batteries internationally. An IATA Dangerous Goods label must be attached, along with the correct UN number and shipping name for the particular type of batteries.

Which batteries are safe to ship?

Sealed VRLA\* : Valve Regulated Lead Acid, a type of maintenance-free battery using absorbed glass mat or gel technology). These are safer to ship and can be transported in any orientation. Lithium batteries represent the fastest-growing and most regulated segment of battery shipping. Their high energy density creates both opportunities and risks.



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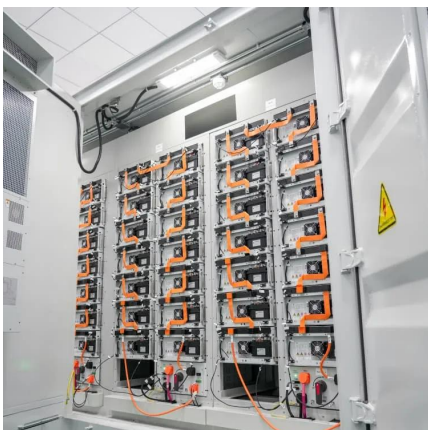


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