

Energy storage container transportation packaging requirements



Overview

Lithium battery energy storage containers (UN3536, Class 9) must be packaged with shockproof, moisture-resistant, and abrasion-resistant materials to prevent damage during transit. Each exterior surface of the container must display Class 9 hazardous material labels and UN3536. This compliance resource was prepared to assist a shipper to safely package lithium cells and batteries for transport by all modes of transportation according to the latest regulatory requirements. This guide provides scenario-based situations that outline the applicable requirements that a shipper. Revised Packing Instructions: More stringent requirements for UN-certified packaging, capable of withstanding specific drop tests. However, oversized or non - standard containers may require special permits and handling.

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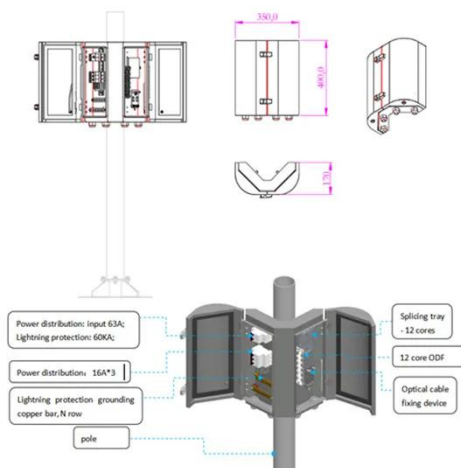
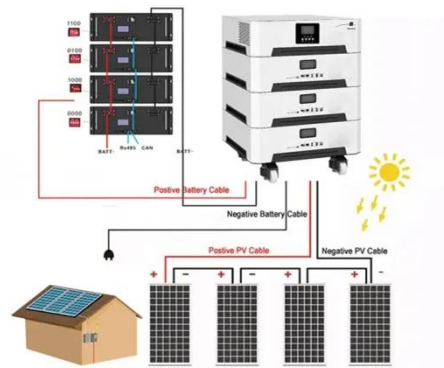


What are the safety regulations for transporting a Battery Energy

Proper packaging is a fundamental aspect of transporting BESS safely. The packaging must be designed to protect the batteries from physical damage, such as impacts and vibrations. It should ...

UN3536 Guide for Shipping Lithium Battery Storage Containers

The article covers essential aspects to ensure adherence to international shipping regulations and minimize risks associated with transporting lithium battery energy storage systems ...



Lithium Battery Guide

This compliance resource was prepared to assist a shipper to safely package lithium cells and batteries for transport by all modes of transportation according to the latest regulatory requirements.

Requirements for Shipping Lithium Batteries 2025

The IMDG Code Amendment 42-24 is the cornerstone of the updated regulations, bringing significant changes to the classification, packaging, and handling of lithium-ion batteries and their associated ...



UN3536 Energy Storage Container Shipping Guide

Learn how to ship UN3536 energy storage containers. Documents, booking rules, packaging, port handling, and carrier approval explained.

What are the transportation considerations for container energy ...

Standard shipping containers used for energy storage usually follow the ISO container dimensions, which are well-recognized in the shipping industry. However, oversized or non - ...



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Battery Energy Storage System Pack & Transport Guide

This guide provides a detailed, expert-level overview of the essential requirements for packaging and transporting a Battery Energy Storage System, ensuring its safe and efficient delivery.



Comprehensive Guide to Safe Shipping of Lithium Battery Energy Storage

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