

## PEES Power Systems

# Lithium battery container stacking requirements

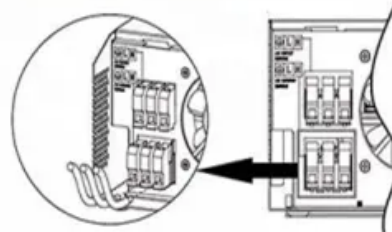
**Parallel** (Parallel operation up to 6 unit (only with battery connected))



**AC input wires**



**AC output wires**



## Overview

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The requirement specifies that the package must be "capable of withstanding" the weight of a 3-metre stack of packages. Effective January 2025, a new requirement was introduced into the packing instructions for the air transport of lithium batteries that are packed with, or contained in equipment (PI 966-II, PI 967-I and II, PI 969- II, and PI 970 - I and II). This document has been created to satisfy recommendations of National Science Foundation (NSF) Service Life Extension Program (SLEP) inspectors, JMS. Shipping and warehousing lithium batteries in bulk or the products that include these batteries (e. However, their potential hazards, including fire, explosion, and chemical leakage, require strict packaging protocols during transport.

## Lithium battery container stacking requirements

To Strive forward No Energy Waste



- ✓ All in one
- ✓ 100~215kWh High-capacity
- ✓ Intelligent Integration

### Lithium Batteries: Safety, Handling, and Storage

Pursuant to Title 49 of the Code of Federal Regulations (CFR), section 173.185, Lithium Cells and Batteries, all shipments of hazardous materials must comply with packaging regulations based on ...

### The Complete Guide to Lithium Ion Battery Packaging

Different kinds of lithium ion batteries have distinct specifications and packaging requirements, depending on whether they are intended for recycling, disposal, prototype use, or are damaged.



### RE: Additional Regulatory Oversight and Guidance Necessary for ...

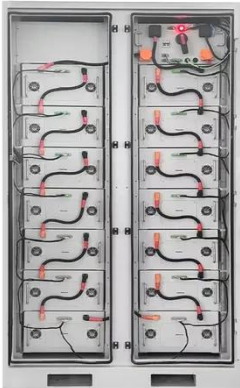
As the prevalence of shipments containing lithium batteries continues to grow, so do concerns around the safe transportation of those hazardous materials. Several recent incidents ...

## Battery Guidance Document

From 1 January 2026, lithium-ion batteries that are packed with equipment and vehicles powered by lithium ion or sodium ion batteries must be offered for air transport with the battery at a reduced state ...



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## Safely Packaging & Shipping Lithium Batteries: Best Practices

For example, batteries must be kept away from heat sources, they should be stored in a dry environment, and you should avoid stacking heavy items on top of packages containing lithium ...

## Lithium Battery Packaging: A Comprehensive Guide to Safe and ...

Explore everything you need to know about lithium battery packaging--from UN-certified boxes and anti-static materials to DOT and IATA regulations. Ensure compliance and safety with this ...



## Must-Know: Stacking Test for Lithium Battery Packaging

Lithium battery packaging is vital for safety and performance. We will discuss the importance of passing the stacking test and meeting regulatory standards.



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## Standard of Care at Warehouses Storing Lithium-ion Batteries ...

Store battery packs in original packing, unless packing has been opened for order picking. Do not stack pallets of Lithium-ion batteries, other than in a racking system. Ensure the storage facility has an ...



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## Lithium Battery Guide

This guide outlines the requirements for lithium ion batteries packed with or contained in equipment being sent under the smaller lithium batteries provisions of § 173.185(c).

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## Packaging Requirement

The requirement specifies that the package must be "capable of

withstanding" the weight of a 3-metre stack of packages. There is no formal requirement for special conditioning of the packaging ...



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