

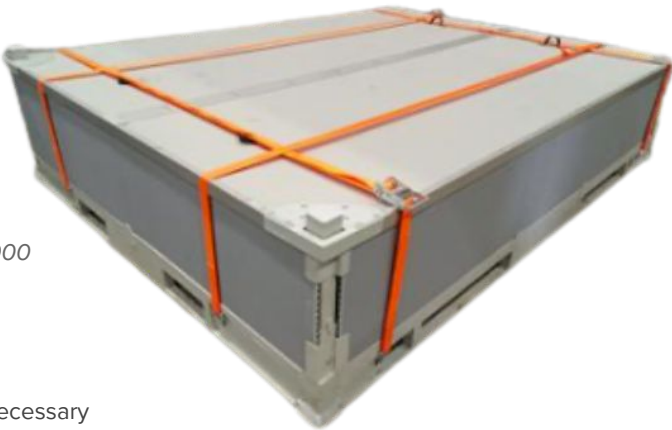
PACKING INSTRUCTIONS

ThorPak®

Battery Pallet Box LP903,
LP904, LP905

Key Specifications

Designation	Type-approved steel load carrier
Type	Pallet
External dimensions mm	2700 x 2014 x 590/690 mm
Tare weight	344 kg
Max. gross weight	1370 kg
Permissible load	4000 kg
UN packaging approval	UN 50A/Y/2025/CN/C311209/4000/1000



Inspection Before Packaging Activity:

- Check transport containers for damage and arrange for repair if necessary
- Only transport-safe batteries may be loaded
- Proof required through transport assessment protocol

TRANSPORT IS PROHIBITED WITHOUT AN ASSESSMENT PROTOCOL OR IN NON-TRANSPORT-SAFE CONDITION

Description

This is a steel and plastic packaging for LITHIUM METAL BATTERIES (including batteries made from lithium alloys) UN 3090, or LITHIUM ION BATTERIES (including lithium-ion polymer batteries) UN 3480. The design complies with the following applicable dangerous goods regulations: ADR, RID, ADN and IMDG, according to packing instructions LP903, LP904, LP905 for a maximum gross mass of 1000 kg according to the ThorPak battery type.

The inner packaging must be enclosed with a sufficient quantity of non-flammable and non-electrically conductive thermal insulation material to protect against dangerous heat development. Non-flammability must be determined in accordance with a standard recognized in the country where the packaging is designed or manufactured.

This packaging is not approved for a single damaged or defective battery that can rapidly decompose, react dangerously, produce a flame or dangerous heat development, or emit dangerous toxic, corrosive or flammable gases or vapors under normal transport conditions, as shown in LP906.

Tested & Certified According to

ADR, getestet
RID, getestet.
ADN, getestet
IMDG, getestet
According to norm UNE-EN ISO 16495
GB 12463 - 2009 General specifications for transport packages of dangerous goods

UN No.	Name & Description	Class	Packing Group	Packing Instructions
3090	LITHIUM METAL BATTERIES (including batteries with lithium alloy)	9	II, III	LP903, LP904, LP905
3480	LITHIUM ION BATTERIES (including batteries with lithium alloy)	9	II, III	LP903, LP904, LP905

PACKING INSTRUCTIONS

ThorPak® Battery Pallet Box LP903, LP904, LP905

- 1.** Release securing straps and uncover SwagBag (non-flammable inner packaging) and lay outwards
- 2.** Position a battery or cell in the pallet on the SwagBag floor in the center
- 3.** Fold up corner supports and lock (Image 2)
- 4.** Cover battery or cell with the SwagBag side panels. Starting with the sides, then the front panel and finally the rear panel
- 5.** Secure battery or cell together with SwagBag using the safety straps
- 6.** Insert side walls into profiles of the corner supports (Image 3)
- 7.** Place lid on top (Image 5)
- 8.** Secure with 4 suitable tension straps (Image 6)

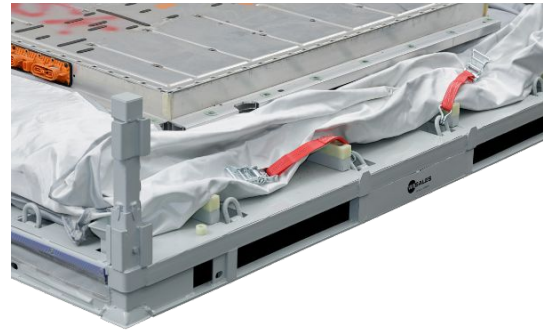


Image 1

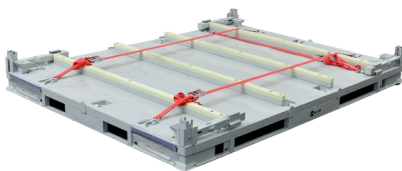


Image 2



Image 3



Image 4



Image 5



Image 6



VERPACKUNGSANWEISUNG

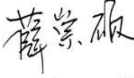
ThorPak®
Batterie Paletten
Box LP903, LP904, LP905



No. : ZR/SZ-20241109-01

Test Report

Product Name	ThorPak Steel Battery Pallet		
Testing Type	commission		
Applicant	wi-sales GmbH		
Address	Schützenstraße 142, D-48607 Ochtrup		
Manufacturer	Ningbo Joy Intelligent Logistics Technology Co.,Ltd.		
Address	No.1111 South Wushan Road, Qiaotou Town, Cixi, Zhejiang, China		
Model/Type	2700*2014*610mm		
Sample arrival date	2024/11/9	Sample (s) Quantity	1 unit
Weight	344kg	Sample Dimensions	2700*2014*610mm 2024/11/9
Start date	2024/11/9	End date	
Sample(s) Status	The sample is a metal box with no printing on the surface and no abnormal appearance.		
Testing Criterion	GB 12463 - 2009 General specifications for transport packages of dangerous goods		
Test Item(s)	Stacking Test,Drop test.		
Test Conclusion	After testing, the performance of the sample meets the requirements of GB12463 - 2009 Class II packaging..		
Note	Client's requirement: 1. Drop test: The internal counterweight is 1000kg, drop height 1.2m.		

Certifier:  Examiner:  Editor: 
Date of Issue: 2024/11/25

