



Lithium-Ion-Battery with integrated battery management system

Manufactured by RKB-Reitz Electronic AG, Germany

Built into JUNG machine skates models EP 5, 15 and 25 | MPN [JLA-e]



TRANSPORT INFORMATION & TEST SUMMARY

Lithium-Ion-Batteries underlie the following Dangerous Goods regulation and exceptions:

UN3480: Lithium-Ion-Batteries

UN3481: Lithium-Ion-Batteries with Equipment, or Lithium-Ion-Batteries packaged in Equipment.

This UN is valid only if the battery is built into the intended Transport Dolly/Machine Skate.

Packaging Group II, Tunnel Category E

The Lithium-Ion-Battery Cel RKB-BAT-LF16S50Ah LiFePO4 has passed the test UN38.3.

Report ID: S 44/2024/1 dated July 15, 2024

IATA Proper Shipping Name: Lithium Ion Batteries

Hazard Class: 9

UN No.: UN3480

Packaging group: II

IMDG Proper Shipping Name: Lithium Ion Batteries

Hazard Class: 9

UN No.: UN3480

Packaging group: II

Transport mode: Air freight, Ocean freight

Test Certificate



UN 38.3 Test Summary Report

Lithium Cell or Battery Test Summary in Accordance with Section 2.9.4 UN Model Regulations and Sub-section 38.3 of the UN Manual of Tests and Criteria, Part III, subsection 38.3.5

Manufacturer	Test Laboratory
RKB-REITZ electronic AG Otto-Hahn-Straße 19 75248 Ölbronn-Dürrn Germany Tel: 07237-48634-0 info@rkg-reitz.de www.rkb-reitz.de	Lukasiewicz Research Network – Institute Non – Ferrous Metals Divisions in Poznan Ul. Forteczna 12, 61- 362 Poznan , Poland Tel: +48 (0) 612797882 Kamil.fraczek@clai0.poznan.pl www.clai0.poznan.pl
Unique report ID: S 44/2024/1	Report date: 2024-07-15

Product Description	
RECHARGEABLE LITHIUM BATTERY: LFP rechargeable Battery	Model: 1.004.1587 RKB-BAT-LF16S50Ah LiFePo

List of Conducted	Result	Test record reference
38.3.4.1 T.1: Altitude simulation	Pass	Page 4
38.3.4.2 T.2: Thermal test	Pass	Page 5
38.3.4.3 T.3: Vibration	Pass	Page 6
38.3.4.4 T.4: Shock	Pass	Page 7
38.3.4.5 T.5: External short circuit	Pass	Page 8
38.3.4.7 T.7: Overcharge	Pass	Page 19
Tests carried out according to: Recommendations on the Transport Of Dangerous Goods Manual of Tests and Criteria ST/SG/AC.10/11/Rev.7, Amend.1, Lithium metal and lithium ion batteries (Section 38.3) /except paragraph 38.3.4.6, 38.3.4.8 (hereinafter referred to as UN TEST)		

Signatory Date: 2024-07-23 Name: Yolanda Gutiérrez Title: Managing Board	 Signature
<small>Important! The above signatory affirm that this document is a true and correct summary of the original individual tests and test data. The original test data is confidential information available to competent State Authorities with valid identification and only upon their formal request. Disclosure of the original test data to any other entity upon its request will be considered by RKB and, should RKB consider this request is with merit, may be subject to the prior execution of a nondisclosure agreement.</small>	