



QUALITY FOR LIFE

## Supplier's Test Summary

in accordance with UN Manual of Tests and Criteria  
Part III, subsection 38.3

### Information about the manufacturer

Name	AL-KO Geräte GmbH
Address	Ichtenhauser Str. 14 D-89359 Kötzing
Phone	+49 8221 3551 0
E-Mail	info@al-ko.com
Website	<a href="https://al-ko.com/">https://al-ko.com/</a>

### Description of the product

Type	Lithium-Ionen-Batterie
Physical description	Lithium-Ionen-Batterie Pack

### Product test information

Each object of this declaration has been tested and was found to be compliant with the UN Manual of Test and Criteria, Part III, subsection 38.3. This includes all single cells and battery assemblies containing not more than one cell of those given in the following list.

Model	Item number AL-KO	Mass in gram	Wh rating	Edition of the manual of test and criteria ST/SG/AC.10/11	Test report number	Test report date
T327	457853	282	16,2	Rev. 6	1118100174	27.11.2018
84002154	495221	290	21,6		TR-DCAL-10 Rev.003	15.05.2019

### List of tests conducted and results

Test Item	Test Result	Test Item	Test Result
T1. Altitude simulation	passed	T5. External short circuit	passed
T2. Thermal test	passed	T6. Crush	passed
T3. Vibration	passed	T7. Overcharge	passed
T4. Shock	passed	T8. Forced Discharge	passed

### Test laboratories

The UN 38.3 tests were performed by one of the following test houses and were tested to UN Manual Test and Criteria Revision 3 Amendment 1 or subsequent revisions or amendments.

Name	CQC Standard Testing Technology (Shangai), China
Address	No. 19, Guiping Road, 200233 Shanghai, China
Phone	021-64378405
E-Mail	tiet@tiet.org
Website	

Name	Shanghai Research Institute of Chemical Industry Testing Centre
Address	No. 345 East Yunling Road, Shanghai
Phone	+86-21-31 765555
E-Mail	battery@ghs.cn
Website	www.ghs.cn

Name	Inventus Power, Inc. – Technical Center Safety Laboratory
Address	5th Floor Western, Changhua Building No.921 Xingye Road, Nancun Town, Panyu, Guangzhou City, Guangdong 511442, P.R. Chinang, China
Phone	86-20-6195-6222
E-Mail	btyl@inventuspower.com
Website	www.inventuspower.com

### Additional information

In original AL-KO packaging the products comply with the following special provisions of international transport regulations:

- IATA DGR: Packing Instruction 965 Section IB (max. 30 % state of charge)
- ADR/RID/ADN/IMDG Code Special Provision 188

The products have been manufactured under a quality management program according to IATA DGR clause 3.9.2.6.1 (e), ADR clause 2.2.9.1.7 e), and IMDG code clause 2.9.4.5.

Kötz, den 09.01.2025

(Ort, Datum)

**AL-KO**  
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Germany

(Company stamp)

 

Daniel Trumpp, CTO / Tina Bentele, CFO