

## LITHIUM BATTERIES TEST SUMMARY

IN ACCORDANCE WITH SUB-SECTION 38.3 OF UN MANUAL OF TESTS AND CRITERIA

1	Product Manufacturer	Robert Bosch Power Tools GmbH Max-Lang-Straße 40-46 70771 Leinfelden-Echterdingen Germany +49-711-400-40990 kontakt@bosch.de www.bosch-pt.com
2	Model	KEO
3	Voltage rating	10.8V
4	Ah rating	1.3Ah, 1.5Ah
5	Wh rating	14.0Wh, 16.2Wh

These models of Lithium ion batteries have been successfully tested and comply with the UN Model Regulations, Manual of Test and Criteria, Part III, subsection 38.3

PERFORMED TESTS		RESULTS
38.3.4.1 T1	Altitude Simulation	Passed
38.3.4.2 T2	Thermal Test	Passed
38.3.4.3 T3	Vibration	Passed
38.3.4.4 T4	Shock	Passed
38.3.4.5 T5	External Short Circuit	Passed
38.3.4.5 T6	Impact	Passed
38.3.4.7 T7	Overcharge	Passed
38.3.4.7 T8	Forced Discharge	Passed

(Note that tests T6 and T8 are not applicable to batteries.)

Revision Date: 2020-04-06	Revision Number: 2.0
Signature:	Signature:

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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.

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LITHIUM CELLS OR BATTERIES TEST SUMMARY

IN ACCORDANCE WITH SUB-SECTION 38.3

OF UN MANUAL OF TESTS AND CRITERIA

Product Test Information

Model name	Description	Battery weight	Wh rating	Test report number	Test report date	Applicable UN Numbers acc. to UN Model Regulations	Delivered at max. 30% State of Charge
KEO	Tool with 3 integrated single cells	3x 0.04kg	16.2Wh	28216762001, 28216762 002, 28252268 001  MT0019194, UN-Test Report_INR18650-13P	11.12.2012 04.04.2017 09.03.2020  24.10.2013 04.05.2005	UN3480, UN3481	yes

All lithium batteries and cells shown in before-mentioned table were designed and manufactured in accordance with Section 2.9.4 of the UN Recommendations on the Transport of Dangerous Goods.