Robert Bosch Power Tools GmbH
PT-GT/ENC
70538 Stuttgart
GERMANY
www.bosch-pt.com

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	Bosch Battery Pack GBA 10.8V / 12V
3	Voltage rating	10.8V / 12V
4	Ah rating	1.3 Ah / 1.5Ah / 2.0Ah / 2.5Ah 3.0Ah / 4.0Ah / 6.0Ah
5	Wh rating	14.0Wh / 16.2Wh / 21.6Wh / 27.0Wh / 32.4Wh / 43.2Wh / 64.8Wh

This model of Lithium ion batteries have been succesfully 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
38.3.4.7 T7	Overcharge	Passed

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

Revision Date: 07.08.2025	Revision Number: 16

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Chairman of the Supervisory Board: Katja von Raven; Managing Directors: Thomas Donato, Lennart de Vet, Dr. Katharina Hartl
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The UN 38.3 tests were performed by one of the follwing 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 numbers	Physical Description	Battery weight (kg)	Wh rating	Test report number	Test report date	Applicable UN Numbers acc. to UN Model Regulations	Delivered at max. 30% State of Charge
GBA 10.8V / 12V 1.3 Ah	Detachable drop in lithium-ion accumulator	0.165 0.165	14.0 Wh	OXI 10V8 088 MxP UN_Tests.pdf UN_T1-T5 and T7_OXI_10V8_1Ah3_SCM_SDI13L.pdf	01.04.2011 03.08.2011	UN3480/ UN3481	yes
GBA 10.8V / 12V 1.5 Ah	Detachable drop in lithium-ion accumulator	0.173 0.170 0.175 0.174	16.2 Wh	7191186696-EEC18 OXI_10V8_SDI096_UN_T1-T5 und T7.pdf OXI 10,8V L G2 Sanyo W2 128_PgP_UN_Test_Rev5.pdf 7191118954-EEC15	13.07.2018 10.03.2010 02.08.2012 12.08.2015	UN3480/ UN3481	Yes
GBA 10.8V / 12V 2.0 Ah B808 B812-03 B12V20-01 B815-01 B814-01 BAT414	Detachable drop in lithium-ion accumulator	0.182 0.175 0.180 0.175 0.176 0.183 0.178 0.179 0.180 0,176 0,180 0.183 0.180 0.183 0.182 0.182 0.177	21.6 Wh	7191138519 - EEC16 10.8V 2Ah SCM (RX135)_Test Report.pdf 7191121395-EEC15 10.8V 2Ah (20RM)_Test Report.pdf 7191110841-EEC15-01_OXI 10.8V (Rx135)_ Test Report.pdf OXI 10V8 G3 Sanyo RX 126_PgP UN_Rev5.pdf G0JR0001.pdf 7191178520 - EEC18 10.8V 2Ah Test Report_LG HD2.pdf TR 28246751 001 Bosch GBA 12V 2,0Ah.pdf CPSFTY/00029/21 TR HU2238A8 001 CPSFTY/00010/22 HU2238A8 002 CPSFTY/00018/23 HU2238A8 003 CPSFTY/00012/24 HU24IVAV 001 2296585.60 2300463.60	05.07.2016 28.09.2015 08.04.2015 02.08.2012 04.06.2013 05.03.2018 10.10.2018 20.10.2021 12.05.2022 08.04.2022 09.12.2022 18.08.2023 25.08.2023 29.04.2024 22.02.2024 24.03.2025 28.07.2025	UN3480/ UN3481	Yes
GBA 10.8V / 12V 2.5 Ah	Detachable drop in lithium-ion accumulator	0.420 0.182	27.0 Wh	UN_015_026 7191095976-EEC14	29.07.2015 05.09.2014	UN3480/ UN3481	Yes
GBA 10.8V / 12V 3.0 Ah GBA12V 30 B12V30-01 B816-01	Detchable drop in lithium-ion accumulator	0.186 0.188 0.185 0.188 0.191 0.192	32.4 Wh	7191145990 - EEC16 7191179538 - EEC18 CPSFTY/00011/21 CPSFTY/00022/21 CPSFTY/00023/22 CPSFTY/00114/24	28.09.2016 27.04.2018 22.04.2021 20.10.2021 13.06.2022 05.02.2025	UN3480/ UN3481	Yes

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GBA 10.8V / 12V 4.0 Ah	Detachable drop in lithium-ion accumulator	0.369 0.370 0.379 0.376 0.367	43.2 Wh	1020-13-MM-13-PP001 G0Y40001 7191176907 - EEC18 7191197214 - EEC18 CPSFTY/00064/24	26.03.2013 12.06.2013 15.01.2018 28.11.2018 11.09.2024	UN3480/ UN3481	Yes
GBA 10.8V / 12V 6.0 Ah GBA12V 60	Detachable drop in lithium-ion accumulator	0.384 0.389 0.385 0.389	64.8 Wh	7191145996 - EEC16 CRSSFTY/00003/20 CPSFTY/00012/21 CPSFTY/00027/21	28.09.2016 30.06.2020 22.04.2021 20.10.2021	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.

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