

## 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
2	Model	Bosch Battery Pack PBA 14.4V
3	Voltage rating	14.4V
4	Ah rating	1.3 Ah / 1.5Ah / 2.0Ah / 2.5Ah
5	Wh rating	18.7Wh / 21.6 Wh / 28.8 Wh / 36.0 Wh

This model 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
38.3.4.7 T7	Overcharge	Passed

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

Revision Date: 31.7.2019

Revision Number: 2.0

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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 numbers	Physical Description	Battery weight (kg)	Wh rating	Test report number	Test report date	UN Numbers acc. to UN-DGP	Proper Shipping Name acc. to UN-DGP
PBA 14.4V 1.3 Ah	Detachable slide in lithium-ion accumulator	0.268 0.268	18.7 Wh	P41R08-04-H01 P41R08-05-H01	16.07.2009 11.08.2009	UN3480	Lithium ion batteries
PBA 14.4V 1.5 Ah	Detachable slide in lithium-ion accumulator	0.270 0.273 0.276 0.274 0.293	21.6 Wh	14V4_WOLVES_G2_CW14_2010_UN_T1-T5 und T7_.pdf WOLVES 4C_15Q_UN TEST REPORT.pdf Wolves 14V4 G2 128 Sanyo W2 McP UN_T1-T5 T7.pdf Bosch SCM 14,4V Wolves UN.pdf TR 28222074 002 UN38.3 1.5Ah 14.4V signed.pdf	30.04.2010 11.08.2009 28.06.2012 03.03.2011 06.04.2017	UN3480	Lithium ion batteries
PBA 14.V 2.0 Ah	Detachable slide in lithium-ion accumulator	0.297 0.297	28.8 Wh	28229029 28229029	28.10.2016 28.10.2016	UN3480	Lithium ion batteries
PBA 14.4V 2.5 Ah	Detachable slide in lithium-ion accumulator	0.308 0.307	36.0 Wh	28226658 28226659 003	27.03.2015 17.06.2016	UN3480	Lithium ion batteries