

LITHIUM BATTERIES TEST SUMMARY

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

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|---|----------------------|---|
| 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 | PKP 3.6V LI |
| 3 | Voltage rating | 3.6V |
| 4 | Ah rating | 1.5Ah |
| 5 | Wh rating | 5.4Wh |

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 (applicable to cell) |
| 38.3.4.2 T2 | Thermal Test | Passed (applicable to cell) |
| 38.3.4.3 T3 | Vibration | Passed (applicable to cell) |
| 38.3.4.4 T4 | Shock | Passed (applicable to cell) |
| 38.3.4.5 T5 | External Short Circuit | Passed (applicable to cell) |
| 38.3.4.5 T6 | Impact | Passed (applicable to cell) |
| 38.3.4.7 T7 | Overcharge | Passed |
| 38.3.4.7 T8 | Forced Discharge | Passed (applicable to cell) |

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|---------------------------|----------------------|
| Revision Date: 2020-07-02 | Revision Number: 1.1 |
| Signature: | Signature: |

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 Senior Vice President Engineering (PT-HG/TE)
 Bosch Home and Garden

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 Senior Vice President Engineering (PT/NE)
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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.

| | |
|--|---|
| SLG Prüf- und Zertifizierungs GmbH Burgstädter Straße 20 D-09232 Hartmannsdorf, Germany https://www.slg.de.com Tel.: +49 3722 7323-0 Email: service@slg.de.com | SAMSUNG SDI CO LTD 467 BEONYEONG-RO SEOBUK-GU CHEONAN-SI, CHUNGHEONGNAM-DO 31086 KOREA +82-41-560-3114 sdimaster@samsung.com www.samsungsdi.com |
| Shanghai Research Institute of Chemical Industry Testing Co., Ltd. East Yunling Road No. 345 200062 SHANGHAI CHINA +86 21 5281 3463 Mail via contact button on website http://www.srici.com/ | |

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 |
|----------------|------------------------------------|----------------|-----------|---|--|--|---------------------------------------|
| PKP 3.6V LI | Tool with 1 integrated single cell | 0.04kg | 5.4Wh | 1116-13-MM-13-PP005 MT0019194 UN certificate and test report for UR18650W2 1118110180 | 22.10.2013 24.10.2013 12.01.2012 25.12.2018 | 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.