

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 10.8V / 12V |
| 3 | Voltage rating | 10.8V / 12V |
| 4 | Ah rating | 1.5Ah / 2.0Ah / 2.5Ah |
| 5 | Wh rating | 16,2Wh / 21,6Wh / 27,0Wh |

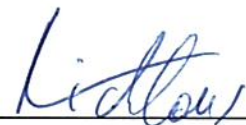
This model of Lithium ion batteries have been successfully tested and comply with the UN Model Regulations, Manual of Test and Criteria, Part III, subsection 38.3

| 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: 15.12.2022

Revision Number: 4.0



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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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|--|--|
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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 10.8V / 12V 1.5 Ah | Detachable drop in lithium-ion accumulator | 0.165 | 16,2 Wh | 28224972001 | 31.10.2014 | UN3480 | Lithium ion batteries |
| | | 0.184 | | 28224972006 | 02.08.2016 | | |
| | | 0.165 | | 28224972004 | 23.05.2016 | | |
| | | 0.173 | | HU22LDG4 001 | 09.12.2022 | | |
| PBA 10.8V / 12V 2.0 Ah | Detachable drop in lithium-ion accumulator | 0.178 | 21,6 Wh | 2218341.60 | 18.07.2017 | UN3480 | Lithium ion batteries |
| | | 0.182 | | 28224973001 | 31.10.2014 | | |
| | | 0.173 | | 2218341.61 | 31.08.2017 | | |
| | | 0.170 | | 7191157906 - EEC17 | 27.03.2017 | | |
| | | 0.180 | | 7191180644 - EEC18 | 09.04.2018 | | |
| | | 0.180 | | TR HU22YJYP 001 | 12.05.2022 | | |
| PBA 10.8V / 12V 2.5 Ah | Detachable drop in lithium-ion accumulator | 0.189 | 27,0 Wh | 28230330001 | 01.12.2015 | UN3480 | Lithium ion batteries |