

LITHIUM BATTERIES TEST SUMMARY

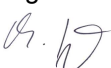
IN ACCORDANCE WITH SUB-SECTION 38.3 OF UN MANUAL OF TESTS AND CRITERIA

1	Product Manufacturer	GARDENA Germany AB PO BOX 7454 S-103 92 SWEDEN Testsummary-service@husqvarnagroup.com
2	Model	Battery Pack PBA 18V 14902/14903/14905
3	Voltage rating	18V
4	Ah rating	2.0Ah / 2.5Ah / 4.0Ah
5	Wh rating	36.0 Wh / 45.0 Wh / 72.0 Wh

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
38.3.4.7 T7	Overcharge	Passed

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

Revision Date: 14.11.2022	Revision Number: 1.1
Name, Title: Markus Jäger, Compliance Manager	Signature:  Place and Date of issue: Ulm, 14.11.2022

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Address	Visiting address	Contact	Registered office		
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PO Box 7454 S-103 92 Stockholm					

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.

Robert Bosch Power Tools GmbH PT/EST Max-Lang Str. 40-46 70771 Leinfelden-Echterdingen Germany +49 (0)711-400-40990 kontakt@bosch.de www.bosch-pt.com	Tüv Süd PSB Pte. Ltd No.1 Science Park Drive Singapore 118221 Singapore +65 6427 4700 Info.sg@tuvsud.com www.tuev-sued.de/company/locations/asia
SAMSUNG SDI CO LTD 467 BEONYEONG-RO SEOBUK-GU CHEONAN-SI, CHUNGCHONGNAM-DO 31086 KOREA +82-41-560-3114 sdimaster@samsung.com www.samsungsdi.com	Tüv Rheinland InterCert Kft. Váci út 48/A-B 1132 Budapest Hungary +36 1461 1100 tuv@hu.tuv.com www.tuv.hu

Product Test Information

Model numbers	Physical Description	Battery weight [kg]	Wh rating	Test report number	Test report date	Applicable UN Numbers acc UN- DGP	Delivered at max. 30% State of Charge
PBA 18V 2.0 Ah W-B (Art.No. 14902)	Detachable slide in lithium-ion accumulator	0,360 0,350 0,353	36.0	- UN_T1-T5 T7_Wolves 18V PP5 SampleB.pdf - TR 28229046 004 Wolves 18V with bosc overcharge FINAL signed.pdf - HU21FOSK 001 - HU21FOSK 001	26.07.2013 29.11.2016 07.02.2022 07.02.2022	UN3480/ UN3481	yes
PBA 18V 2.5 Ah W-B (Art.No. 14903)	Detachable slide in lithium-ion accumulator	0,360 0,362 0,362 0,362	45.0	28226658001 28226658005 28226658006 - HU215B2B 001	27.03.2015 02.08.2016 10.12.2020 07.12.2021	UN3480/ UN3481	yes
PBA 18V 4.0 Ah W-C (Art.No. 14905)	Detachable slide in lithium-ion accumulator	0,640 0,575 0,630 0,575 0,575	72.0	28237202001 28252403001 - HU21ZXY3 001 - HU21KAZX 001 - HU21KAZX 002	10.07.2017 19.03.2020 24.08.2021 24.11.2021 09.12.2021	UN3480/ UN3481	yes

These battery packs are included in following products:

Art.No.	Model
14600-20	Subm. pump 2000/2 Clear 18V P4A Set
14600-61	Subm. pump 2000/2 Clear 18V P4A Set
14602-20	RainwaterTankPump2000/2 18V P4A Set
14602-61	RainwaterTankPump2000/2 18V P4A Set
14620-20	Lawnmower HandyMower 22/18V P4A Set
14621-35	Lawnmower HandyMower 22/18V P4A Set + 8735-20 gras shear
14621-28	Lawnmower HandyMower 22/18V P4A Set
14621-20	Lawnmower PowerMax 32/36V P4A Set
14630-20	Lawnmower PowerMax 30/18V P4A Set
14632-20	Lawnmower PowerMax 32/18V P4A Set
14638-20	Lawnmower PowerMax 37/36V P4A Set
14700-20	Trimmer EasyCut 23/18V P4A Set
14701-20	Trimmer ComfortCut 23/18V P4A Set
14702-20	Trimmer SmallCut 23/18V P4A
14730-20	Hedgetrimmer ComfCut 50/18V P4A Set
14731-20	Hedgetrimmer ComfCut 60/18V P4A Set
14732-20	Tel.Hedgetrimmer THS 42/18V-P4A Set
14733-20	Hedge Trimmer EasyCut 40/18V P4A
14770-20	Tel. Pruner TCS 20/18 P4A Set
14772-20	Pole Saw EasyCut 110/18V P4A Set
14774-20	Pole Saw HighCut 250/18V P4A Set
14776-20	Pole Saw HighCut 360/18V P4A Set
14890-20	Blower PowerJet 18V P4A Set
14800-20	Cleaner AquaClean 18V RtU Set
14800-31	Cleaner AquaClean 18V RtU Set Prem
14800-32	Cleaner AquaClean 18V RtU Display
14800-34	Cleaner AquaClean 18V RtU Display
14902-20	Battery PBA 18V/36 P4A
14903-20	Battery PBA 18V/45 P4A
14905-20	Battery PBA 18V/72 P4A
14906-20	Starter-Kit P4A QC+1x2,5Ah
14906-28	Starter-Kit P4A PBA 18V/45 + AL 1830
14907-20	Starter-Kit P4A QC+2x2,5Ah
14908-20	Starter-Kit P4A QC+1x4,0Ah
14909-20	Starter-Kit P4A PBA 18V/36 + AL1810 CV
14910-20	Starter-Kit P4A PBA 18V/45 + AL1810 CV