

LITHIUM BATTERIES TEST SUMMARY


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

1	Product Manufacturer	GARDENA Germany AB c/o Husqvarna AB Drottninggatan 2 561 82 Huskvarna Jönköping /Sweden	
2	Model	Battery Pack PBA 18V 14902/14903/14905	For a full list of products which use any of these battery packs please refer to page 3.
3	Voltage rating	18V	
4	Ah rating/s	2.0Ah / 2.5Ah / 4.0Ah	
5	Wh rating/s	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.)

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Name, Title: Markus Jäger, Compliance Manager	Signature:  Place and Date of issue: Ulm, 2023-10-10

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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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	<ul style="list-style-type: none"> • UN_T1-T5 T7_Wolves 18V PP5 SampleB.pdf • TR 28229046 004 Wolves 18V with bosc overcharge FINAL signed.pdf • HU21FOSK 001 • HU21FOSK 001 	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • 28226658001 • 28226658005 • 28226658006 • HU215B2B 001 	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • 28237202001 • 28252403001 • HU21ZXY3 001 • HU21KAZX 001 • HU21KAZX 002 	<ul style="list-style-type: none"> • 10.07.2017 • 19.03.2020 • 24.08.2021 • 24.11.2021 • 09.12.2021 	UN3480/ UN3481	yes

The battery packs are included in the following products:

Art.No. *	Model
14600	Subm. pump 2000/2 Clear 18V P4A Set
14602	RainwaterTankPump2000/2 18V P4A Set
14620	Lawnmower HandyMower 22/18V P4A Set
14621	Lawnmower HandyMower 22/18V P4A Set + 8735-20 gras shear
14621	Lawnmower HandyMower 22/18V P4A Set
14621	Lawnmower PowerMax 32/36V P4A Set
14630	Lawnmower PowerMax 30/18V P4A Set
14632	Lawnmower PowerMax 32/18V P4A Set
14638	Lawnmower PowerMax 37/36V P4A Set
14700	Trimmer EasyCut 23/18V P4A Set
14701	Trimmer ComfortCut 23/18V P4A Set
14702	Trimmer SmallCut 23/18V P4A Set
14730	Hedgetrimmer ComfCut 50/18V P4A Set
14731	Hedgetrimmer ComfCut 60/18V P4A Set
14732	Tel.Hedgetrimmer THS 42/18V-P4A Set
14733	Hedge Trimmer EasyCut 40/18V P4A Set
14750	Grass- & Shrubshear PowerCut 20/18V P4A Set
14770	Tel. Pruner TCS 20/18 P4A Set
14772	Pole Saw EasyCut 110/18V P4A Set
14774	Pole Saw HighCut 250/18V P4A Set
14776	Pole Saw HighCut 360/18V P4A Set
14890	Blower PowerJet 18V P4A Set
14800	Cleaner AquaClean 18V RtU Set
14820	EasyWeed 1800/18V P4A Set
14840	AquaBrush Compact 02/18V P4A Set
14841	AquaBrush Patio 03/18V P4A Set
14842	AquaBrush Universal 18V P4A Set
14902	Battery PBA 18V/36 P4A
14903	Battery PBA 18V/45 P4A
14905	Battery PBA 18V/72 P4A
14906	Starter-Kit P4A QC+1x2,5Ah
14906	Starter-Kit P4A PBA 18V/45 + AL 1830
14907	Starter-Kit P4A QC+2x2,5Ah
14908	Starter-Kit P4A QC+1x4,0Ah
14909	Starter-Kit P4A PBA 18V/36 + AL1810 CV
14910	Starter-Kit P4A PBA 18V/45 + AL1810 CV
18640	Wall-Mounted Hose Box PowerRoll XL 18V P4A Set
18642	Wall-Mounted Hose Box PowerRoll XL 18V P4A Set
18645	Wall-Mounted Hose Box PowerRoll XXL 18V P4A Set
18647	Wall-Mounted Hose Box PowerRoll XXL 18V P4A Set

* The actual product designation is typically supplemented by a two-digit country or customer variant code "-XX", where "XX" stands for numbers from "01" to "99". The test report is valid for all such country and customer variants.