

## LITHIUM BATTERIES TEST SUMMARY


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

1	<b>Product Manufacturer</b>	<b>HUSQVARNA AB</b> Drottninggatan 2 SE-561 82 Huskvarna SWEDEN Testsummary-service@husqvarnagroup.com
2	<b>Model (Containing Li-Ion battery*)</b>	Automower model according to table on section <b>Models and Battery Types</b>
*	<b>Battery model</b>	For information regarding Ah Rating, Voltage, Weight, Model number and Ah rating consult the table attached to the document in the section <b>Product Test Information</b>

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: 2024-11-26	Revision Number: 5.2
Name, Title: Filip Liljegren, Senior Logistics Specialist	Signature: 

The UN 38.3 tests were performed by one of the following test houses and were tested to UN Manual Test and Criteria Revision 8 Amendment 1 or subsequent revisions or amendments.

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### Product Test Information

The batteries indicated below are subjected to the **UN3480** and **UN3481** labelling specifications.  
All battery models indicated in this document are **Lithium-Ion Batteries**.

Battery specification	Battery Weight (kg)	Wh rating	Test report name	Test report date	Model Type
5S1P / 5902142-02 18V / 2Ah	0.336	36.0	BU-2018-09329-1-B1	2018-05-30	Type 10
5S1P / 5902142-03 18.25V / 2Ah	0.336	36.5	BU-2018-09329-2-B1	2018-06-14	Type 10
5S1P / 5902142-04 18V / 2Ah	0.370	36.0	BU-202000184-B2	2020-07-20	Type 10
5S1P / 5902142-05 18V / 2.5Ah	0.370	45.0	BU-202000298-B1	2020-11-05	Type 10
5S1P / 5902142-06 18V / 2Ah	0.370	36.0	BU-202000298-B1	2020-11-05	Type 10
5S1P / 5902142-07 18.5V / 2Ah	0.370	37.0	BU-202100285-B1	2021-09-09	Type 10
5S1P / 5902142-08 18.5V / 2Ah	0.370	37.0	BU-202100400-B1	2022-01-11	Type 10
5S1P / 5902142-09 18V / 2Ah	0.364	36.0	BU-202200236-B1	2022-08-08	Type 10
5S1P / 5902142-10 18V / 2Ah	0.370	36.0	BU-202200338-B1	2023-01-31	Type 10
5S2P / 5931141-04 18V / 4Ah	0.700	72.0	BU-202000274-B1	2020-11-02	Type 12
5S2P / 5931141-05 18V / 4Ah	0.700	72.0	BU-202100012-B1	2021-05-04	Type 12
5S2P / 5931141-07 18V / 4Ah	0.634	72.0	BU-202200287-B1	2022-09-02	Type 12

5S2P / 5931184-01 18V / 5Ah	0.700	90.0	BU-2018-09329-5-B1	2018-06-28	Type 14
5S2P / 5931184-02 18V / 4.9Ah	0.700	88.2	BU-2018-09329-4-B1	2018-06-28	Type 14
5S2P / 5931184-02 18V / 4.9Ah	0.700	88.2	BU-2018-09329-4-B3	2020-12-21	Type 14
5S2P / 5931184-03 18.5V / 5Ah	0.700	92.5	BU-202100095-B1	2021-05-03	Type 14
5S2P / 5931184-06 18V / 5Ah	0.652	90.0	BU-202200235-B1	2022-07-14	Type 14
5S2P / 5932474-01 18V / 5Ah	0.700	90.0	BU-2018-09329-5-B1	2018-06-28	Type 14
5S2P / 5931184-04 18V / 5Ah	0.640	90.0	BU-202100286-B1	2021-09-24	Type 14
5S1P / 5937420-01 18V / 2Ah	0.380	36.0	BU-202000133-B1	2020-05-25	Type 15
5S1P / 5937420-03 18V / 2Ah	0.370	36.0	BU-202000275-B1	2020-10-27	Type 15
5S1P / 5937420-04 18V / 2Ah	0.372	36.0	BU-202200277-B1	2022-08-22	Type 15
5S2P / 5908101-01 18V / 5Ah	0.700	90.0	BU-201800483-B1	2018-01-24	Type 17
5S2P / 5908101-02 18V / 4.9Ah	0.700	88.2	BU-201800484-B1	2019-02-06	Type 17
5S2P / 5908101-03 18V / 5Ah	0.640	90.0	BU-202100348-B1	2021-11-03	Type 17
5S2P / 5908101-04 18V / 5.2Ah	0.670	93.2	BU-202100399-B1	2022-02-07	Type 17
5S2P / 5368124-01 18V / 5Ah	0.655	90.0	BU-202200211-B1	2022-08-02	Type 18
5S3P / 5997886-01 18V / 7.5Ah	1.037	135.0	BU-202200325-B1	2022-11-27	Type 19
5S3P / 5997886-03 18V / 8.4Ah	1.060	151.2	BU-202200219-B2	2022-07-27	Type 19
5S2P / 5361993-02 18V / 8Ah	0.925	144.0	BU-202200226-B1	2022-11-27	Type 20
5S2P / 5361993-01 18V / 8Ah	0.948	144.0	BU-202200226-B1	2022-11-09	Type 20
5S2P / 5806833-01 18V / 3.2Ah	0.500	57.6	BU-2013-000377- UN	2013-01-11	Type 3
5S2P / 5806833-03 18V / 4Ah	0.500	72.0	BU-201800186-B1	2018-09-21	Type 3
5S2P / 5806833-04 18.25V / 4Ah	0.500	73.0	BU-201800185-B1	2018-09-25	Type 3
5S2P / 5931141-02 18V / 4Ah	0.700	72.0	BU-2018-09329-0-B1	2018-05-30	Type 3

5S2P / 5931141-03 18.25V / 4Ah	0.700	73.0	BU-2018-09329-3-B1	2018-06-14	Type 3
10S10P / 5937854-01 36.3V / 49Ah	8.640	1778.7	BU-202000186-B3	2020-08-25	Type 31
10S10P / 5937854-03 36.3V / 49Ah	8.640	1778.7	BU-202000186-B3	2020-08-25	Type 31
10S10P / 5937855-02 36.3V / 49Ah	8.640	1778.7	BU-202000186-B3 (Spare Number)	2020-08-25	Type 31
5S2P / 5848528-02 18V / 4Ah	0.700	72.0	BU-2018-09329-0-B1	2018-05-30	Type 4
5S2P / 5848528-03 18.25V / 4Ah	0.700	73.0	BU-2018-09329-3-B1	2018-06-14	Type 4
5S1P / 5848528-03 18V / 2Ah	0.260	36.0	BU-201800188-B1	2018-09-23	Type 4
5S1P / 5848528-04 18.25V / 2Ah	0.260	36.5	BU-201800187-B1	2018-09-21	Type 4
5S1P / 5848528-05 18V / 2Ah	0.250	36.0	BU-202000293-B1	2020-11-02	Type 4
5S1P / 5865762-01 18.5V / 2.1Ah	0.336	38.9	STRD1407062S	2014-07-21	Type 6
5S1P / 5865762-02 18.5V / 2.1Ah	0.336	38.9	STRD1612014S	2016-11-28	Type 6
5S1P / 5865762-05 18V / 2Ah	0.270	36.0	BU-202000292-B1	2020-11-02	Type 6
5S1P / 5895861-01 18.5V / 2.1Ah	0.336	38.9	STRD1612014S (Spare number)	2016-11-28	Type 6
5S2P / 5881464-03 18V / 4.9Ah	0.490	88.2	BU-201800191-B2	2020-12-21	Type 7
5S2P / 5895857-01 18V / 5Ah	0.700	90.0	BU-2018-09329-5-B1	2018-06-28	Type 7
10S10P / 5937854-04 36.5V / 50Ah	8.450	1825.0	BU-202300166-B1	2023-08-28	Type 31
10S10P / 5937855-03 36.5V / 50Ah	8.450	1825.0	BU-202300166-B1 (Spare number)	2023-08-28	Type 31
10S10P / 5937855-01 36.3V / 49Ah	8.640	1778.7	BU-202000186-B3 (Spare Number)	2020-08-25	Type 31
5S2P / 5341993-02 18V / 8Ah	0.925	144.0	BU-202200226-B1	2022-09-22	Type 20
5S2P / 5341993-03 18V / 8Ah	0.925	144.0	BU-202200226-B2	2022-09-23	Type 20
5S3P / 5997886-04 18V / 8.4Ah	1.074	151.2	4791011271	2023-12-22	Type 19

10S2P / 5465603-01 36V / 8Ah	1.757	288.0	4791352826.1-A	2024-10-25	Type 33
10S2P / 5465603-02 36V / 8Ah	1.763	288.0	4791352826.1-B	2024-10-30	Type 33

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### Models and Battery Types

Brands, models and batteries that are compatible with the **Automower®** (Registered trademark of a 'Battery-powered robotic lawnmower'). The product should contain only one compatible battery model in its package or contained in equipment. Models' area variants present no safety relevant differences.

<b>BRAND</b>	<b>MODEL</b>	<b>BATTERY TYPES</b>
Husqvarna	105	Type 6
Husqvarna	305	Type 10
Husqvarna	310	Type 10; Type 4
Husqvarna	440	Type 14; Type 7
Husqvarna	315	Type 10; Type 4
Husqvarna	550	Type 14; Type 7
Husqvarna	115H	Type 10
Husqvarna	430X	Type 14; Type 7
Husqvarna	315X	Type 10; Type 4
Husqvarna	430XH	Type 14; Type 7
Husqvarna	435X AWD	Type 17; Type 20
Husqvarna	450X	Type 14; Type 7
Husqvarna	450XH	Type 14; Type 7
Husqvarna	535 AWD	Type 17; Type 20
Husqvarna	550H	Type 14
Husqvarna	550Z	Type 14
Husqvarna	420	Type 12; Type 3
Husqvarna	520	Type 12; Type 3
Husqvarna	520H	Type 12
Husqvarna	405X	Type 15
Husqvarna	415X	Type 15
Husqvarna	550Z	Type 14
Husqvarna	550 EPOS	Type 14
Husqvarna	550H EPOS	Type 14
Husqvarna	320 NERA	Type 17; Type 19
Husqvarna	430X NERA	Type 17; Type 19; Type 20
Husqvarna	450X NERA	Type 19; Type 20
Husqvarna	Aspire R4	Type 10
Husqvarna	Ceora 546 EPOS	Type 31
Husqvarna	Ceora 544 EPOS	Type 31
Husqvarna	310 Mark II	Type 10
Husqvarna	315 Mark II	Type 10
Husqvarna	430X EGALITE	Type 14; Type 7
Husqvarna	450X EPOS	Type 14; Type 7
Husqvarna	450XH EPOS	Type 14
Husqvarna	510	Type 15
Husqvarna	410XE NERA	Type 18
Husqvarna	310E NERA	Type 15

Husqvarna	405XE NERA	Type 18
Husqvarna	305E NERA	Type 15
Husqvarna	AM435XAWD NERA	Type 20
Husqvarna	AM535AWD EPOS	Type 20
Husqvarna	AM435iQ AWD	Type 20
Husqvarna	560 EPOS	Type 33
Husqvarna	580L EPOS	Type 33
Husqvarna	580 EPOS	Type 33
Husqvarna	410iQ	Type 18;Type 19
Husqvarna	420iQ	Type 18;Type 19
Husqvarna	440iQ	Type 18;Type 19