

LITHIUM BATTERIES TEST SUMMARY

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

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

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: 2023-12-07	Revision Number: 4.3
Name, Title: Filip Liljegren, 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.

Batteryuniversity GmbH Am Sportplatz 30 63791 Karlstein am Main GERMANY Phone: +49 6188-99410-0 Fax: +49 6188-99410-20 Email: mail@bu-lab.eu www.bu-lab.eu	Shenzen SEM. Test Technology Co., Ltd. 1/F, Building A, Hongwei Industrial Park, Liuxian 2 nd Road, Bao'an District, Shenzhen. PEOPLE'S REPUBLIC OF CHINA Phone: 0755-3366-3308 Fax: 0755-33663309 E-mail: sem@semtest.com.cn www.semtest.com.cn

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 number	Test report date	Model type
5S1P / 5902142-02 18V / 2Ah	0.336	36	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	0.37	36	BU-202000184-B2	2020-07-20	Type 10
5S1P / 5902142-05 18V / 2.5Ah	0.37	45	BU-202000298-B1	2020-11-05	Type 10
5S1P / 5902142-06 18V / 2Ah	0.37	36	BU-202000298-B1	2020-11-05	Type 10
5S1P / 5902142-07 18.5V / 2Ah	0.37	37	BU-202100285-B1	2021-09-09	Type 10
5S1P / 5902142-08 18.5V / 2Ah	0.37	37	BU-202100400-B1	2022-01-11	Type 10
5S1P / 5902142-09 18V / 2Ah	0.364	36	BU-202200236-B1	2022-08-08	Type 10
5S1P / 5902142-10 18V / 2Ah	0.37	36	BU-202200338-B1	2023-01-31	Type 10
5S2P / 5931141-04 18V / 4Ah	0.7	72	BU-202000274-B1	2020-11-02	Type 12
5S2P / 5931141-05 18V / 4Ah	0.7	72	BU-202100012-B1	2021-05-04	Type 12
5S2P / 5931141-07 18V / 4Ah	0.634	72	BU-202200287-B1	2022-09-02	Type 12
5S2P / 5931184-01 18V / 5Ah	0.7	90	BU-2018-09329-5-B1	2018-06-28	Type 14

5S2P / 5931184-02 18V / 4.9Ah	0.7	88.2	BU-2018-09329-4-B1	2018-06-28	Type 14
5S2P / 5931184-02 18V / 4.9Ah	0.7	88.2	BU-2018-09329-4-B3	2020-12-21	Type 14
5S2P / 5931184-03 18.5V / 5Ah	0.7	92.5	BU-202100095-B1	2021-05-03	Type 14
5S2P / 5931184-06 18V / 5Ah	0.652	90	BU-202200235-B1	2022-07-14	Type 14
5S2P / 5932474-01 18V / 5Ah	0.7	90	BU-2018-09329-5-B1	2018-06-28	Type 14
5S2P / 5931184-04 18V / 5Ah	0.64	90	BU-202100286-B1	2021-09-24	Type 14
5S1P / 5937420-01 18V / 2Ah	0.38	36	BU-202000133-B1	2020-05-25	Type 15
5S1P / 5937420-03 18V / 2Ah	0.37	36	BU-202000275-B1	2020-10-27	Type 15
5S1P / 5937420-04 18V / 2Ah	0.372	36	BU-202200277-B1	2022-08-22	Type 15
5S2P / 5908101-01 18V / 5Ah	0.7	90	BU-201800483-B1	2018-01-24	Type 17
5S2P / 5908101-02 18V / 4.9Ah	0.7	88.2	BU-201800484-B1	2019-02-06	Type 17
5S2P / 5908101-03 18V / 5Ah	0.64	90	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	BU-202200211-B1	2022-08-02	Type 18
5S3P / 5997886-01 18V / 7.5Ah	1.037	135	BU-202200325-B1	2022-11-27	Type 19
5S3P / 5997886-03 18V / 8.4Ah	1.06	151.2	BU-202200219-B2	2022-07-27	Type 19
5S2P / 5361993-02 18V / 8Ah	0.925	144	BU-202200226-B1	2022-11-27	Type 20
5S2P / 5361993-01 18V / 8Ah	0.948	144	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	0.5	72	BU-201800186-B1	2018-09-21	Type 3
5S2P / 5806833-04 18.25V / 4Ah	0.5	73	BU-201800185-B1	2018-09-25	Type 3
5S2P / 5931141-02 18V / 4Ah	0.7	72	BU-2018-09329-0-B1	2018-05-30	Type 3
5S2P / 5931141-03 18.25V / 4Ah	0.7	73	BU-2018-09329-3-B1	2018-06-14	Type 3

10S10P / 5937854-01 36.3V / 49Ah	8.64	1778.7	BU-202000186-B3	2020-08-25	Type 31
10S10P / 5937854-03 36.3V / 49Ah	8.64	1778.7	BU-202000186-B3	2020-08-25	Type 31
10S10P / 5937855-02 36.3V / 49Ah	8.64	1778.7	BU-202000186-B3 (Spare Number)	2020-08-25	Type 31
5S2P / 5848528-02 18V / 4Ah	0.7	72	BU-2018-09329-0-B1	2018-05-30	Type 4
5S2P / 5848528-03 18.25V / 4Ah	0.7	73	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	0.25	36	BU-202000293-B1	2020-11-02	Type 4
5S1P / 5865762-01 18.5V / 2.1Ah	0.336	38.85	STRD1407062S	2014-07-21	Type 6
5S1P / 5865762-02 18.5V / 2.1Ah	0.336	38.85	STRD1612014S	2016-11-28	Type 6
5S1P / 5865762-05 18V / 2Ah	0.27	36	BU-202000292-B1	2020-11-02	Type 6
5S1P / 5895861-01 18.5V / 2.1Ah	0.336	38.85	STRD1612014S (Spare number)	2016-11-28	Type 6
5S2P / 5881464-03 18V / 4.9Ah	0.49	88.2	BU-201800191-B2	2020-12-21	Type 7
5S2P / 5895857-01 18V / 5Ah	0.7	90	BU-2018-09329-5-B1	2018-06-28	Type 7
10S10P / 5937854-04 36.5V / 50Ah	8.45	1825	BU-202300166-B1	2023-08-28	Type 31
10S10P / 5937855-03 36.5V / 50Ah	8.45	1825	BU-202300166-B1 (Spare number)	2023-08-28	Type 31
10S10P / 5937855-01 36.3V / 49Ah	8.64	1778.7	BU-202000186-B3 (Spare Number)	2020-08-25	Type 31
5S2P / 5341993-02 18V / 8Ah	0.925	144	BU-202200226-B1	2022-09-22	Type 20
5S2P / 5341994-01 18V / 8Ah	0.925	144	BU-202200226-B1	2022-09-22	Type 20

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. Models' area variants present no safety relevant differences.

BRAND	MODEL	BATTERY TYPES
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
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	520 EPOS	Type 14; Type 12
Husqvarna	520H EPOS	Type 14; Type 12
Husqvarna	320 NERA	Type 17; Type 19
Husqvarna	430X NERA	Type 17; Type 18; Type 19
Husqvarna	450X NERA	Type 18; Type 19
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	410XE NERA	Type 18
Husqvarna	310E NERA	Type 15