

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: 2021-01-25	Revision Number: 1.0
Name, Title: Filip Liljegren, Logistics Specialist	Signature: 

Page 1 of 4

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.

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	

Product Test Information

The batteries indicated below are subjected to the UN3480 and UN3481 labelling specifications.

Model numbers	Physical Description	Battery weight (kg)	Wh rating	Test report number	Test report date	Model type
5S1P / 5902142-05 18V / 2.5 Ah	Lithium-ion battery	0.370	45.0	BU-202000298-B1	2020-11-05	Type 10
5S1P / 5902142-04 18V / 2.0 Ah	Lithium-ion battery	0.370	36.0	BU-202000184-B2	2020-11-05	Type 10
5S1P / 5902142-02 18.0 V / 2.0 Ah	Lithium-ion battery	0.336	36.0	BU-2018-09329-1-B1	2018-05-30	Type 10
5S1P / 5902142-03 18.25 V / 2.0 Ah	Lithium-ion battery	0.336	36.5	BU-2018-09329-2-B1	2018-06-14	Type 10
5S2P / 5931141-04 18V / 4.0 Ah	Lithium-ion battery	0.700	72.0	BU-202000274-B1	2020-11-02	Type 12
5S2P / 5848528-02 18.0 V / 4.0 Ah	Lithium-ion battery	0.700	72.0	BU-2018-09329-0-B1	2018-05-30	Type 12
5S2P / 5848528-03 18.25 V / 4.0 Ah	Lithium-ion battery	0.700	73.0	BU-2018-09329-3-B1	2018-06-14	Type 12
5S2P / 5931184-01 18.0 V / 5.0 Ah	Lithium-ion battery	0.700	90.0	BU-2018-09329-5-B1	2018-06-28	Type 14
5S2P / 5931184-02 18.0 V / 4.9 Ah	Lithium-ion battery	0.700	88.2	BU-2018-09329-4-B1	2018-06-28	Type 14
5S2P / 5932474-01 18.0 V / 5.0 Ah	Lithium-ion battery	0.700	90.0	BU-2018-09329-5-B1	2018-06-28	Type 14

5S2P / 5931184-02 18V / 4.9 Ah	Lithium-ion battery	0.700	88.2	BU-2018-09329-4-B3	2020-12-21	Type 14
5S1P / 5937420-03 18V / 2.0 Ah	Lithium-ion battery	0.370	36.0	BU-202000275-B1	2020-10-27	Type 15
5S1P / 5937420-01 18.0 V / 2.0 Ah	Lithium-ion battery	0.380	36.0	BU-202000133-B1	2020-05-25	Type 15
5S2P / 5908101-02 18.0 V / 4.9 Ah	Lithium-ion battery	0.700	88.2	BU-201800484-B1	2019-02-06	Type 17
5S2P / 5908101-01 18.0 V / 5:0 Ah	Lithium-ion battery	0.700	90.0	BU-201800483-B1	2018-01-24	Type 17
5S2P / 5806833-01 18.0 V / 3.2 Ah	Lithium-ion battery	0.500	57.6	BU-2013-000377- UN	2013-01-11	Type 3
5S2P / 5806833-03 18.0 V / 4.0 Ah	Lithium-ion battery	0.500	72.0	BU-201800186-B1	2018-09-21	Type 3
5S2P / 5806833-04 18.25 V / 4.0 Ah	Lithium-ion battery	0.500	73.0	BU-201800185-B1	2018-09-25	Type 3
5S2P / 5931141-02 18.0 V / 4.0 Ah	Lithium-ion battery	0.700	72.0	BU-2018-09329-0-B1	2018-05-30	Type 3
5S2P / 5931141-03 18.25 V / 4.0 Ah	Lithium-ion battery	0.700	73.0	BU-2018-09329-3-B1	2018-06-14	Type 3
10S10P / 5937854- 01 36.3V / 49.00Ah	Lithium-ion battery	8.640	1778.7	BU-202000186-B3	2020-08-25	Type 31
5S1P / 5848528-05 18V / 2.0 Ah	Lithium-ion battery	0.250	36.0	BU-202000293-B1	2020-11-02	Type 4
5S1P / 5848528-04 18.25V / 2.0Ah	Lithium-ion battery	0.260	36.5	BU-201800187-B1	2018-09-21	Type 4
5S1P / 5848528-03 18.0V / 2.0Ah	Lithium-ion battery	0.260	36.0	BU-201800188-B1	2018-09-23	Type 4
5S1P / 5865762-05 18V / 2.0 Ah	Lithium-ion battery	0.270	36.0	BU-202000292-B1	2020-11-02	Type 6
5S1P / 5865762-02 18.5 V / 2.1 Ah	Lithium-ion battery	0.336	38.9	STRD1612014S	2016-11-28	Type 6
5S1P / 5895861-01 18.5 V / 2.1 Ah	Lithium-ion battery	0.336	38.9	STRD1612014S (Spare number)	2016-11-28	Type 6
5S1P / 5865762-01 18.5 V / 2.1 Ah	Lithium-ion battery	0.336	38.9	STRD1407062S	2014-07-21	Type 6
5S2P / 5895857-01 18.0 V / 5.0 Ah	Lithium-ion battery	0.700	90.0	BU-2018-09329-5-B1	2018-06-28	Type 7
5S2P / 5881464-03 18V / 4.9 Ah	Lithium-ion battery	0.490	88.2	BU-201800191-B2	2021-12-20	Type 7

Models and Battery Types

Brands, models and batteries that are compatible with the AutoMowers. The product should contain only one compatible battery model in its package. Models' area variants presents only mechanical differences.

Brand	Model	Battery Types
Husqvarna	105	Type 6;
Husqvarna	305	Type 10;
Husqvarna	310	Type 10;4
Husqvarna	440	Type 14; Type 7
Husqvarna	315	Type 10;4
Husqvarna	550	Type 14; Type 7
Husqvarna	115H	Type 10;
Husqvarna	315X	Type 10;
Husqvarna	430X	Type 14; Type 7
Husqvarna	430XH	Type 14;
Husqvarna	435X AWD	Type 17;
Husqvarna	450X	Type 14; Type 7
Husqvarna	450XH	Type 14;
Husqvarna	535 AWD	Type 17;
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	EPOS	Type 14;
Husqvarna	EPOS HI-CUT	Type 14;
Husqvarna	550H EPOS	Type 14;