

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 Service@gardena.com 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: 2024-09-23	Revision Number: 10.0
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 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.

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 / 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	0.26	36	BU-201800188-B1	2018-09-23	Type 4
5S1P / 5848528-04 18.25V / 2Ah	0.26	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
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 / 5368124-01 18V / 5Ah	0.655	90	BU-202200211-B1	2022-08-02	Type 18

Models and Battery Types

Brands, models and batteries that are compatible with the robotic lawn mowers. The product should contain only one compatible battery model in its package. Models' area variants presents only mechanical differences and are listed under the same base name.

Brand	Model	Battery Types
Gardena	R100Li (SILENO)	Type 10; Type 4
Gardena	R100LiC (Smart SILENO)	Type 10; Type 4
Gardena	R130Li (SILENO+)	Type 10; Type 4
Gardena	R130LiC (Smart SILENO+)	Type 10; Type 4
Gardena	R160Li (SILENO+)	Type 10; Type 4
Gardena	R160LiC (Smart SILENO+)	Type 10; Type 4
Gardena	R180LiC (Smart SILENO+)	Type 10; Type 4
Gardena	R200Li (SILENO+)	Type 10; Type 4
Gardena	R200LiC (Smart SILENO+)	Type 10; Type 4
Gardena	R38Li	Type 6
Gardena	R40Li	Type 6
Gardena	R45Li	Type 6
Gardena	R50Li	Type 6
Gardena	R70Li	Type 6
Gardena	R80Li	Type 6
Gardena	SILENO City	Type 10
Gardena	SILENO Life	Type 10

Gardena	SILENO Minimo	Type 10
Gardena	Smart SILENO City	Type 10
Gardena	Smart SILENO Life	Type 10
Gardena	SILENO pro	Type 15
Gardena	SILENO max	Type 15
Gardena	Smart SILENO max	Type 15
Gardena	Smart SILENO pro	Type 15
Gardena	Smart SILENO free	Type 18
Gardena	Smart SILENO flex	Type 15
Gardena	SILENO flex	Type 15