

## 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 <a href="mailto:Service@gardena.com">Service@gardena.com</a> <a href="mailto:Testsummary-service@husqvarnagroup.com">Testsummary-service@husqvarnagroup.com</a>
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.)

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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.

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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 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

### **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.

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