

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*)	GARDENA- Sileno Life, Sileno City, Smart Sileno City, Smart Sileno Life
*	Battery model	Type10
3	Voltage rating	18V _{nom} / 18,25V
4	Ah rating	2.0 Ah
5	Wh rating	36 Wh / 36.5 Wh

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: 2020-02-16	Revision Number: 3.0
Name, Title: Filip Liljegren, Logistics Specialist	Signature: 

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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

Model numbers	Physical Description	Battery weight (kg)	Wh rating	Test report number	Test report date	Applicable UN Numbers
5S1P 590214202 18.0 V 2.0 Ah	Detachable lithium-ion battery	0.336	36 Wh	BU-2018-09329-1-B1	2018-05-30	UN3480/ UN3481
5S1P 590214203 18.25 V 2.0 Ah	Detachable lithium-ion battery	0.336	36.5Wh	BU-2018-09329-2-B1	2017-17-18	UN3480/ UN3481

This products are included in following sets (Art.No):

Type	Art.No.:
SILENO city / 250m ²	15001-20.000.00
	15001-22.000.00
	15001-28.000.00
	15001-24.000.00
	15001-35.000.00
	15001-26.000.00
	15001-36.000.00
	15001-32.000.00
	15001-34.000.00
	15001-37.000.00
	15001-38.000.00
	15001-40.000.00
	15001-41.000.00
SILENO city / 300m ²	15005-47.000.00
	15005-28.000.00
	15005-40.000.00
SILENO city / 350m ²	15006-20.000.00
	15006-24.000.00
	15006-26.000.00
	15006-36.000.00
SILENO city / 380m ²	15003-24.000.00
	15003-35.000.00
	15003-36.000.00
	15003-42.000.00
SILENO city / 400m ²	15004-24.000.00
	15004-26.000.00
	15004-36.000.00
	15004-32.000.00
	15004-40.000.00
	15004-46.000.00
SILENO city / 450m ²	15007-20.000.00
	15007-22.000.00
	15007-26.000.00
	15007-32.000.00
SILENO city / 470m ²	15009-20.000.00
	15009-26.000.00
SILENO city / 500m ²	15002-20.000.00
	15002-22.000.00
	15002-28.000.00
	15002-24.000.00
	15002-35.000.00
	15002-26.000.00
	15002-36.000.00
	15002-32.000.00
	15002-34.000.00
	15002-37.000.00

	15002-41.000.00
	15002-39.000.00
SILENO city / 550m²	15008-26.000.00
	15008-36.000.00
SILENO city / 600m²	15010-24.000.00
smart SILENO city / 250m²	19069-20.000.00
	19069-22.000.00
	19069-28.000.00
	19069-24.000.00
	19069-35.000.00
	19069-26.000.00
	19069-36.000.00
	19069-32.000.00
	19069-34.000.00
smart SILENO city / 300m²	19072-47.000.00
	19072-28.000.00
smart SILENO city / 450m²	19067-20.000.00
	19067-22.000.00
	19067-26.000.00
	19067-32.000.00
smart SILENO city / 500m²	19066-20.000.00
	19066-22.000.00
	19066-28.000.00
	19066-24.000.00
	19066-35.000.00
	19066-26.000.00
	19066-36.000.00
	19066-32.000.00
	19066-34.000.00
	19066-39.000.00
smart SILENO city / 600m²	19071-26.000.00
	19071-32.000.00
	19071-34.000.00

Type	Art.No.:
SILENO life / 700m ²	15107-36.000.00
SILENO life / 750m ²	15101-20.000.00
	15101-22.000.00
	15101-28.000.00
	15101-24.000.00
	15101-35.000.00
	15101-26.000.00
	15101-36.000.00
	15101-32.000.00
	15101-34.000.00
	15101-38.000.00
	15101-40.000.00
	15101-41.000.00
SILENO life / 800m ²	15105-20.000.00
	15105-36.000.00
SILENO life / 850m ²	15104-20.000.00
	15104-26.000.00
	15104-32.000.00
SILENO life / 1000m ²	15102-20.000.00
	15102-22.000.00
	15102-28.000.00
	15102-24.000.00
	15102-35.000.00
	15102-26.000.00
	15102-36.000.00
	15102-32.000.00
	15102-34.000.00
SILENO life / 1100m ²	15106-26.000.00
SILENO life / 1250m ²	15103-20.000.00
	15103-22.000.00
	15103-28.000.00
	15103-24.000.00
	15103-35.000.00
	15103-26.000.00
	15103-36.000.00
	15103-32.000.00
	15103-34.000.00
	15103-39.000.00
smart SILENO life / 700m ²	19119-36.000.00
smart SILENO life / 750m ²	19113-20.000.00
	19113-22.000.00
	19113-28.000.00
	19113-24.000.00
	19113-35.000.00
	19113-26.000.00
	19113-36.000.00
	19113-32.000.00
	19113-34.000.00

smart SILENO life / 800m ²	19116-20.000.00
	19116-24.000.00
	19116-36.000.00
smart SILENO life / 850m ²	19117-26.000.00
	19117-32.000.00
smart SILENO life / 1000m ²	19114-20.000.00
	19114-22.000.00
	19114-28.000.00
	19114-24.000.00
	19114-35.000.00
	19114-26.000.00
	19114-36.000.00
	19114-32.000.00
	19114-34.000.00
smart SILENO life / 1100m ²	19118-24.000.00
smart SILENO life / 1250m ²	19115-20.000.00
	19115-22.000.00
	19115-28.000.00
	19115-24.000.00
	19115-35.000.00
	19115-26.000.00
	19115-36.000.00
	19115-32.000.00
	19115-34.000.00
	19115-39.000.00

Type	Art.No.:
- smart SILENO city 500m ² - smart water computer - smart sensor	19200-20.000.00
	19200-22.000.00
	19200-28.000.00
	19200-24.000.00
	19200-35.000.00
	19200-26.000.00
	19200-36.000.00
	19200-32.000.00
	19200-34.000.00
- SILENO city 300 / - Maintenance Kit / - Wheel Brushes / - Spare Blades / - Connector Box	15300-47.000.00
	15300-28.000.00
- smart SILENO city 300 / - Maintenance Kit / - Wheel Brushes / - Spare Blades / - Connector Box	19300-47.000.00
	19300-28.000.00