


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 Lithium ion battery)	Walk behind mower: LB 146i, LC 141Li, LC 141VLi, LC 141i, LC 141iV, LE 121P, LE 221R. Scarifier: S 138i.
*	Battery model	Husqvarna Battery Pack BLi 20
3	Battery voltage rating	36V _{nom} / 40V _{max}
4	Battery Ah rating	4.2 Ah / 4.0 Ah
5	Battery Wh rating	151.2 Wh / 146.0 Wh

These models contain a Lithium metal battery which has 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: 2.0
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	Shanghai Research Institute of Chemical Industry Testing Centre (SRICI) No.345 East Yun Ling Road, Shanghai 200062 CHINA Phone: +86 21 52569800 Email: - www.ghs.cn
Intertek Testing Services Taiwan Ltd. 5F, No. 423, Ruiguang Road, Neihu District Taipei 114 TAIWAN Phone: +886 2 6602 2888 Fax: +886 2 6602 2889 Email: - www.intertek-twn.com	

Product Test Information

Battery model numbers	Physical Description	Battery weight (kg)	Wh rating	Test report number	Test report date	Applicable UN Numbers
BLi 20 30546-01 36.0V 4.2 Ah	Detachable lithium-ion battery 10S2P	1,256	151.2	1116040276	2016-07-12	UN3480/ UN3481
BLi 20 30546-02 36.5V 4.0 Ah	Detachable lithium-ion battery 10S2P	1,243	146.0	1116040271	2016-07-21	UN3480/ UN3481