

STANLEY - LITHIUM CELLS OR BATTERIES TEST SUMMARY
IN ACCORDANCE WITH SUB-SECTION 38.3 OF UN MANUAL OF TESTS AND CRITERIA

Product Manufacturer: Stanley Black & Decker, Inc.
1000 Stanley Drive
New Britain, CT 06053

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Stanley Black & Decker's product lithium ion cell and 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	Pass
38.3.4.2	T2	Thermal Test	Pass
38.3.4.3	T3	Vibration	Pass
38.3.4.4	T4	Shock	Pass
38.3.4.5	T5	External Short Circuit	Pass
38.3.4.6	T6	Impact/Crush	N/A to battery packs
38.3.4.7	T7	Overcharge	Pass*
38.3.4.8	T8	Forced Discharge	N/A to battery packs

The UN38.3 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.

*Stanley Black & Decker chooses to perform the Overcharge Test of T7 to demonstrate an extra level of safety. Because our battery packs are designed to be charged only with Stanley Black & Decker battery chargers, they will never be exposed to the conditions prescribed in the Overcharge Test.

Shanghai Research Institute of Chemical Industry Testing Centre 2779 Guangfu West Road, Putuo District, Shanghai, China 200062 E: center@ghs.cn T: 021-31765555 U: http://www.ghs.cn/	Vkan Certification & Testing Co., Ltd. No.3,Tiantaiyi Road, Kaitai Avenue, Science City, Guangzhou P.R. China 510663 E: office@cvc.org.cn T: 020-32293888 U: http://www.cvc.org.cn
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Product Test Information

Model Numbers	Physical Description	Battery Weight (kg) Mass	Battery Voltage (V)	Wh Rating (Wh)	Test Report Number	Test Report Date
SCB20S/ SB20S	5S1P Removable Battery Pack	.36	20/18	30/27	RZUN2014-1271	10/16/2014
					RZUN2017-1525	7/24/2017
					RZUN2014-0528	3/11/2014
					RZUN2016-1331	4/29/2016
					RZUN2017-0969	4/17/2017

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					RZUN2019-2040	5/30/2019
SB20C/S CB20C	5S1P Removable Battery Pack	.36	20/18	26/23.4	RZUN2015-1945	10/16/2015
					RZUN2017-0355	1/13/2017
STBL184L /SCB20M	5S2P Removable Battery Pack	.65	20/18	72	RZUN2017-1919	9/18/2017
					RZUN2017-1918	9/18/2017
STBL182L /SB20D	5S1P Removable Battery Pack	.37	20/18	36	RZUN2016-1358	5/6/2016
STBL18L	5S1P Removable Battery Pack	.37	20/18	27	RZUN2016-1359	5/6/2016
SCB12S	3S1P Removable Battery Pack	.024	12/10.8	16.2	1116080059	9/23/2016
					1117020234	4/18/2017
					1117040205	6/8/2017
					1119050245	7/11/2019

Signature 
Name, Title Steve Cao, Compliance Manager

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Revision Sheet

Revision Number	Date	Name	Details of Change
1.0	12 th Dec 2019	Cynthia Davey	Initial document
1.1	27 th Feb 2020	Cynthia Davey	Updated contact info