

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

Product manufacturer: Specialized Bicycle Components
15130 Concord Circle
Morgan Hill, California 95037, USA
Phone: 408-779-6229
Web: www.specialized.com

Specialized lithium 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	Pass
38.3.4.7 T7	Overcharge	Pass
38.3.4.8 T8	Forced Discharge	Pass

The UN38.3 tests were performed by one of the following test houses and were tested to UN Manual of Test and Criteria Revision 3 Amendment 1 or subsequent revisions or amendments:

Name	Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch
Address	No. 19, Hwa Ya 2nd Rd, Kwei Shan Taoyuan, Taiwan, R.O.C.
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Phone	+886 3 318 3232
Web	www.cps.bureauveritas.com
Name	SRICI Shanghai Research Institute of Chemical Industry Testing Centre
Address	West entrance, No.345 East Yun Ling Road, Shanghai, Postcode: 200062
Email	wyorama@gmail.com
Phone	+021-52815377-0713/0714/0717/0718
Web	www.ghs.cn
Name	AnTek Certification Inc.
Address	7F, No.351, Yangguang St. Taipei, 11491 Taiwan
Email	atc@atclab.com.tw
Phone	+886-2-8752-3779
Web	www.atclab.com.tw
Name	Panasonic Energy Co., Ltd.
Address	222-1 Kaminaizen, Sumoto City, Hyogo 656-8555, Japan
Email	prb-bp-ta@ml.jp.panasonic.com
Phone	+81-799-23-3931
Web	https://industrial.panasonic.com/ww/products/batteries/

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Product Test Information

Model number	Physical Description and dimensions	Battery weight	Wh rating	Test report number and standard rev.	Test report date
SBC-B01	Li-ion e-bike battery TURBO L:440mm W:83mm H:83mm	3.52 kg	342 Wh	TD111216C02	2012-01-18
SBC-B02	Li-ion e-bike battery TURBO L:440mm W:83mm H:83mm	3.52 kg	504 Wh	TD111216C02	2012-10-18
SBC-B04	Li-ion e-bike battery TURBO L:440mm W:83mm H:83mm	4.1 kg	562 Wh	UNT150615C14 Rev. 5, Amdt. 2	2015-10-08
SBC-B05	Li-ion e-bike battery TURBO L:440mm W:83mm H:83mm	4 kg	691 Wh	UNT150615C15 Rev. 5, Amdt. 2	2015-10-08
SBC-B06	Li-ion e-bike battery LEVO Gen1 L:521mm W:92mm H:57mm	2.76 kg	420 Wh	UN151119C08 Rev. 5, Amdt. 2	2015-12-11
SBC-B07	Li-ion e-bike battery LEVO Gen1 L:521mm W:92mm H:57mm	2.82 kg	460 Wh	UN151119C09 Rev. 5, Amdt. 2	2015-12-11
SBC-B08	Li-ion e-bike battery LEVO Gen1 L:521mm W:92mm H:57mm	2.84 kg	504 Wh	UN151119C10 Rev. 5, Amdt. 2	2015-12-11
SBC-B09	Li-ion e-bike battery VADO L:369mm W:98mm H:97mm	3.3 kg	604 Wh	1116100181 Rev. 5, Amdt. 2	2017-01-16
SBC-B10	Li-ion e-bike battery VADO Gen1 L:369mm W:98mm H:97mm	2.7 kg	504 Wh	1116100168 Rev. 5, Amdt. 2	2016-12-12
SBC-B11	Li-ion e-bike battery VADO Gen1 L:369mm W:98mm H:97mm	2.7 kg	460 Wh	1116100180 Rev. 5, Amdt. 2	2016-12-12
SBC-B12	Li-ion e-bike battery LEVO Gen2 L:588mm W:79mm H:53mm	3 kg	500 Wh	1118030194 Rev. 6	2018-05-04
SBC-B13	Li-ion e-bike battery LEVO Gen2 L:588mm W:79mm H:53mm	4 kg	700 Wh	1118060168 Rev. 6	2018-07-24
SBC-B15	Li-ion e-bike battery SL system L:393mm W:73mm H:48mm	1.8 kg	320 Wh	1118060313 Rev. 6	2018-08-30
SBC-B16	Li-ion e-bike battery SL system L:203mm W:74mm H:74mm	1.1 kg	160 Wh	1118060271 Rev. 6	2018-08-30
SBC-B17	Li-ion e-bike battery VADO Gen1 L:369mm W:98mm H:97mm	2.7 kg	401 Wh	1118010232 Rev. 6	2018-03-12

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Model number	Physical Description and dimensions	Battery weight	Wh rating	Test report number and standard rev.	Test report date
SBC-B19	Li-ion e-bike battery VADO Gen2 L:391mm W:80mm H:75mm	3.2 kg	530 Wh	1120100139 Rev. 6, Amdt. 1	2020-11-05
SBC-B20	Li-ion e-bike battery VADO Gen2 L:391mm W:80mm H: 75mm	3.8 kg	710 Wh	1120100138 Rev. 6, Amdt. 1	2020-11-05
SBC-B21	Li-ion e-bike battery LEVO Gen3 L:588mm W:79mm H:53mm	3 kg	500 Wh	1119020030 Rev. 6	2019-05-28
SBC-B22	Li-ion e-bike battery LEVO Gen3 L:588mm W:79mm H:53mm	4 kg	700 Wh	1118060168 Rev. 6	2018-08-25
SBC-B29	Li-ion e-bike battery VADO SL Gen2 L:414mm W:73mm H:63mm	2.9 kg	520 Wh	1124010332 Rev. 7, Amdt 1	2024-03-01
SBC-B26	Li-ion e-bike battery LEVO Gen3 L:404mm W:83mm H:70mm	4.3 kg	840 Wh	1123110410 Rev. 7, Amdt 1	2024-01-09
SBC-B34	Li-ion e-bike battery LEVO Gen3 L:404mm W:83mm H:70mm	4.2 kg	852 Wh	E2334259 Rev. 6, Amdt. 1 (cell), Rev. 7 (battery)	2023-04-11
SBC-GB02	Li-ion e-bike battery GLOBE Haul L:360mm W:110mm H:90mm	4.5 kg	772 Wh	TW2108018-001 Rev. 7	2021-10-28



Dominik Geyer, Leader Global Turbo Business