

Transport information for Lithium-Ion batteries

With this transport information for lithium-ion batteries, Sonova Consumer Hearing GmbH as a distributor of lithium-ion batteries and/or lithium-ion cells provides a summary of all test results and specifications required for the transport or shipping of lithium-ion batteries in accordance with UN Manual of Tests and Criteria Part III Sub-section 38.3.5.

Furthermore, we confirm that all our used batteries and cells comply with the requirements from Section 2.9.4 of the U.N. Recommendations on the Transport of Dangerous Goods.

Why is transport information required for lithium-ion batteries?

Lithium-ion batteries/cells or products with built-in lithium-ion batteries are considered Dangerous Goods. They are subject to international Dangerous Goods Regulations such as the "European Agreement concerning the International Carriage of Dangerous Goods by Road" (ADR).

There is a globally valid list that includes all dangerous goods with their assigned four-digit UN number, which can be used to assign the hazard class.

Should you require the test results for lithium-ion batteries for transport or shipping, this document provides you with all the information you need.

LITHIUM BATTERIES TEST SUMMARY

IN ACCORDANCE WITH SUB-SECTION 38.3 OF UN MANUAL OF TESTS AND CRITERIA

1	Product Manufacturer	Sonova Consumer Hearing GmbH Am Labor 1 30900 Wedemark Germany +49-5130-9490-000 https://www.sennheiser-hearing.com/ info@sonova.com
2	Model	Sonova product range under brand SENNHEISER
3	Voltage rating	See below
4	Ah rating	See below
5	Wh rating	See below

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
38.3.4.6 T6	Impact/Crush	Passed
38.3.4.7 T7	Overcharge	Passed
38.3.4.8 T8	Forced discharge	Passed

Revision Date: 2024-01-01	Revision Number: 9.0
Name, Title: Maximilian Nowakowski Dangerous Goods Consultant	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.

CVC Testing Technology Co., Ltd. No. 3, Tiantaiyi Road, Kaitai Avenue, Science City, Guangzhou, P.R. China Tel.: +86-020-32293888 E-Mail: office@cvc.org.cn www.cvc.org.cn	Shenzhen Morlab Communications Technology Co., Ltd. FL1-3, Building A, FeiYang Science Park, No. 8 LongChang Road, Block 67, BaoAn District, ShenZhen, GuangDong Province, P.R. China Tel.: +86-755-36698555 E-Mail: service@morlab.cn www.morlab.cn
Kunshan SYNergy ScienTech Co., Ltd. 688# Nanhe Road 215300 Kunshan, P.R. China Tel.: +886-3-564-3700 E-Mail: marketing@synst.com.tw www.synst.com.tw	Shenzhen Microtest Co., Ltd. 101, No. 7, Zone 2, XinXing Industrial Park, Fuhai Avenue, Xinhe Community, Fuhai Street, Bao 'an Disctrict, Shenzhen, Guangdong, P.R. China Tel.: +86-755-8885-0135 E-Mail: mit@51mti.com www.t1mti.com
ATS Electronic Technology Co., Ltd. 3/F., Building A, No. 1, Hedong 3rd Road, Jinxia Community, Changan, Dongguan, Guangdong, P.R. China Tel.: +86-769-3897-5958 E-Mail: ats@dgats.com www.dgats.com	Pony Testing International Group Shenzhen Co., Ltd., 3/F. of Building 2, Building 1, Xinhaosheng Industrial Park, Yonghe Road, Qiaotou Community, Baoan District, Shenzhen, Guangdong, P.R. China Tel.: +86-0755-26050909 sz@ponytest.com www.ponytest.com

LITHIUM CELLS OR BATTERIES TEST SUMMARY IN

ACCORDANCE WITH SUB-SECTION 38.3.5 OF

UN MANUAL OF TESTS AND CRITERIA

Product Test Information

Article no.	Battery Part Numer	Article name	Physical description	Test report no.	Test report date	Total battery weight (g)	Watt-hour rating (Wh)	UN-Number
119-3007-P610	585844	CONC 400 (SILVER GRAY)	Lithium-ion cell	RZUN2021-3984-M1	2022-06-09	18,2	0,2738	UN3481
119-3007-P610	585752	CONC 400 (SILVER GRAY)	Lithium-ion pouch bag cell	SZ21070217D01	2021-11-24		1,85	
119-3007-P810	585844	CONVERSATION CLEAR PLUS	Lithium-ion cell	RZUN2021-3984-M1	2022-06-09	18,2	0,2738	UN3481
119-3007-P810	585752	CONVERSATION CLEAR PLUS	Lithium-ion pouch bag cell	SZ21070217D01	2021-11-24		1,85	
119-3010-0610	8001071	TV CLEAR EARBUDS	Lithium-ion cell	RZUN2020-1346	2020-04-23	24	1,862	UN3481
119-3010-0610	8001027	TV CLEAR EARBUDS	Lithium-ion cell	RZUN2020-1528	2020-05-11		0,2622	
119-3011-0610	8001071	TV CLEAR SET	Lithium-ion cell	RZUN2020-1346	2020-04-23	24	1,862	UN3481
119-3011-0610	8001027	TV CLEAR SET	Lithium-ion cell	RZUN2020-1528	2020-05-11	24	0,2622	
119-3015-P810	8001027	TV CLEAR EARBUDS 2	Lithium-ion cell	RZUN2020-1528	2020-05-11	4,6	0,2622	UN3481
119-3016-P810	8001071	TV CLEAR SET 2	Lithium-ion cell	RZUN2020-1346	2020-04-23	24	1,862	UN3481
119-3016-P810	8001027	TV CLEAR SET 2	Lithium-ion cell	RZUN2020-1528	2020-05-11		0,2622	
119-3017-P610	8001071	TVS 200 SET (SILVER GRAY)	Lithium-ion cell	RZUN2020-1346	2020-04-23	24	1,862	UN3481
119-3017-P610	8001027	TVS 200 SET (SILVER GRAY)	Lithium-ion cell	RZUN2020-1528	2020-05-11		0,2622	
119-3018-P610	8001027	TVS 200 EARBUDS (SILVER GRAY)	Lithium-ion cell	RZUN2020-1528	2020-05-11	4,6	0,2622	UN3481
506817	568621	SET 860	Lithium-ion pouch bag cell	UN18121802	2019-01-17	7,7	1,332	UN3481
506818	568621	SET 880	Lithium-ion pouch bag cell	UN18121802	2019-01-17	7,7	1,332	UN3481
506819	568621	RR 800	Lithium-ion pouch bag cell	UN18121802	2019-01-17	7,7	1,332	UN3481
506821	568621	FLEX 5000	Lithium-ion pouch bag cell	UN18121802	2019-01-17	7,7	1,332	UN3481
506822	568621	RS 2000	Lithium-ion pouch bag cell	UN18121802	2019-01-17	7,7	1,332	UN3481
506823	568621	RR FLEX	Lithium-ion pouch bag cell	UN18121802	2019-01-17	7,7	1,332	UN3481
508386	555274	HD 450BT BLACK	Lithium-ion pouch bag cell	UN19012904	2019-02-27	12,5	2,331	UN3481
508387	555274	HD 450BT WHITE	Lithium-ion pouch bag cell	UN19012904	2019-02-27	12,5	2,331	UN3481
508973	592507	CX200TW1 BLACK	Lithium-ion pouch bag cell	MTi220321005-01B1	2022-05-11	16	1,48	UN3481
508973	592506	CX200TW1 BLACK	Lithium-ion pouch bag cell	ATSU190607212	2019-12-12		0,2035	
508974	592507	CX200TW1 WHITE	Lithium-ion pouch bag cell	MTi220321005-01B1	2022-05-11	16	1,48	UN3481
508974	592506	CX200TW1 WHITE	Lithium-ion pouch bag cell	ATSU190607212	2019-12-12		0,2035	
509113	592506	CX200TW1 L BLACK	Lithium-ion pouch bag cell	ATSU190607212	2019-12-12	2,02	0,2035	UN3481
509114	592506	CX200TW1 R BLACK	Lithium-ion pouch bag cell	ATSU190607212	2019-12-12	2,02	0,2035	UN3481
509115	592507	CX200TW1 C BLACK	Lithium-ion pouch bag cell	MTi220321005-01B1	2022-05-11	8	1,48	UN3480
509116	592506	CX200TW1 L WHITE	Lithium-ion pouch bag cell	ATSU190607212	2019-12-12	2,02	0,2035	UN3481
509117	592506	CX200TW1 R WHITE	Lithium-ion pouch bag cell	ATSU190607212	2019-12-12	2,02	0,2035	UN3481
509118	592507	CX200TW1 C WHITE	Lithium-ion pouch bag cell	MTi220321005-01B1	2022-05-11	8	1,48	UN3480
509180	572178	MTW3 BLACK	Lithium-ion cell	SZ21080157D01 SZ22120250D01 SZ23050198D01	2021-11-24 2023-01-13 2023-07-26	42	3,145	UN3481
509180	585752	MTW3 BLACK	Lithium-ion cell	SZ21070217D01	2021-11-24		0,2738	

509181	572178	MTW3 WHITE	Lithium-ion cell	SZ21080157D01 SZ22120250D01 SZ23050198D01	2021-11-24 2023-01-13 2023-07-26	21	3,145	UN3481
509182	572178	MTW3 C BLACK	Lithium-ion cell	SZ21080157D01 SZ22120250D01 SZ23050198D01	2021-11-24 2023-01-13 2023-07-26	21	3,145	UN3480
509183	572178	MTW3 C WHITE	Lithium-ion cell	SZ21080157D01 SZ22120250D01 SZ23050198D01	2021-11-24 2023-01-13 2023-07-26	21	3,145	UN3480
509188	588597	CXPLUSTW1 BLACK	Lithium-ion pouch bag cell	MPING4UL970887U5	2022-01-06	17	1,554	UN3481
509188	592584	CXPLUSTW1 BLACK	Lithium-ion pouch bag cell	MPING4UL970887U5	2022-01-06		0,2035	
509189	588597	CXPLUSTW1 WHITE	Lithium-ion pouch bag cell	MPING4UL970887U5	2022-01-06	17	1,554	UN3481
509189	592584	CXPLUSTW1 WHITE	Lithium-ion pouch bag cell	MPING4UL970887U5	2022-01-06		0,2035	
509194	588597	CXPLUSTW1 C BLACK	Lithium-ion pouch bag cell	MPING4UL970887U5	2022-01-06	8,5	1,554	UN3480
509195	588597	CXPLUSTW1 C WHITE	Lithium-ion pouch bag cell	MPING4UL970887U5	2022-01-06	8,5	1,554	UN3480
509250	588597	CXPLUSTW1 C SE	Lithium-ion pouch bag cell	MPING4UL970887U5	2022-01-06	8,5	1,554	UN3480
509266	568876	M4AEBT BLACK	Lithium-ion pouch bag cell	UN18121802	2019-01-17	14,5	2,701	UN3481
509267	568876	M4AEBT WHITE	Lithium-ion pouch bag cell	UN18121802	2019-01-17	14,5	2,701	UN3481
509272	568621	RS 5200	Lithium-ion pouch bag cell	UN18121802	2019-01-17	7,7	1,332	UN3481
509299	592506	SPORT TRUE WIRELESS	Lithium-ion pouch bag cell	ATSU190607212	2019-12-12	16	0,2035	UN3481
509299	592507	SPORT TRUE WIRELESS	Lithium-ion pouch bag cell	MTi220321005-01B1	2022-05-11		1,48	
586408	580696	30% BATTERY.PACK LI-ION-POLY-3	Lithium-ion pouch bag cell	SNB171228041001B	2018-02-08	14	2,775	UN3480
586477	568621	BATTERY LI-ION-POLYMERE-3.7V-3	Lithium-ion pouch bag cell	UN18121802	2019-01-17	7,7	1,332	UN3480
700074	572178	MTW3 GRAPHITE	Lithium-ion cell	SZ21080157D01 SZ22120250D01 SZ23050198D01	2021-11-24 2023-01-13 2023-07-26	42	3,145	UN3481
700074	585752	MTW3 GRAPHITE	Lithium-ion cell	SZ21070217D01	2021-11-24		0,2738	
700174	596432	ACAEBT BLACK	Lithium-ion pouch bag cell	MRI74YYG3186767U5	2023-05-08	16,3	2,96	UN3481
700175	596909	ACAEBT WHITE	Lithium-ion pouch bag cell	MRI74YYG3186747U5	2023-05-08	16	2,96	UN3481
700214	568621	RR 5200	Lithium-ion pouch bag cell	UN18121802	2019-01-17	7,7	1,332	UN3481
700251	592584	CXPLUSTW1 EARBUDS BLACK	Lithium-ion pouch bag cell	MPING4UL970887U5	2022-01-06	4,04	0,2035	UN3481
700252	592584	CXPLUSTW1 EARBUDS WHITE	Lithium-ion pouch bag cell	MPING4UL970887U5	2022-01-06	4,04	0,2035	UN3481
700382	568876	M4AEBT SE	Lithium-ion pouch bag cell	UN18121802	2019-01-17	14,5	2,701	UN3481
700383	568876	M4AEBT GRAPHITE	Lithium-ion pouch bag cell	UN18121802	2019-01-17	14,5	2,701	UN3481
700385	568876	M4AEBT JD	Lithium-ion pouch bag cell	UN18121802	2019-01-17	14,5	2,701	UN3481
700386	568876	M4AEBT DENIM	Lithium-ion pouch bag cell	UN18121802	2019-01-17	14,5	2,701	UN3481