



**Test summary according to UN 38.3.5 for Series-production vehicles of the  
AUDI AG with Lithium-Ion on board power and traction batteries**  
**Prüfzusammenfassung gemäß UN38.3.5 für Serienfahrzeuge der AUDI AG mit Lithium-Ionen Bordnetz- und  
Antriebsbatterien**

In accordance with UN Manual of Tests and Criteria, Part III, sub section 38.3, 4th rev. Edition, or any subsequent revision and amendment.  
*Gemäß UN Handbuch Prüfung und Kriterien, Teil III, Unterabschnitt 38.3, 3. Fassung, oder einer späteren Revision und Änderung.*

<b>Name of product manufacturer (A)</b> AUDI AG 85045 Ingolstadt Tel.: +49 841 890 Email: <a href="mailto:kundenbetreuung@audi.de">kundenbetreuung@audi.de</a> website: <a href="http://www.audi.de">www.audi.de</a>	<b>Name of product manufacturer (B)</b> Volkswagen AG Berliner Ring 2 38440 Wolfsburg GERMANY <a href="mailto:kundenbetreuung@volkswagen.de">kundenbetreuung@volkswagen.de</a> <a href="http://www.volkswagen.de">www.volkswagen.de</a> +49 800 - 86 55 79 24 36	<b>Name of product manufacturer (C)</b> Shanghai BYD Co., Ltd No. 999, Xiangjing Road, Songjiang, Shanghai Phone: 021-57778888 E-Mail: <a href="mailto:yin.Jia@byd.com">yin.Jia@byd.com</a> Web-site: <a href="http://www.byd.com">http://www.byd.com</a>
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This document applies exclusively to production batteries.*

<p><b>Name of test laboratory (1)</b>  SGS-Germany  Traunreuter Straße 3  82538 Geretsried  Tel.: +49 89 787 4750  Email: <a href="mailto:cqe@sgs.com">cqe@sgs.com</a>  Website: <a href="https://www.sgs-cqe.de/">https://www.sgs-cqe.de/</a></p>	<p><b>Name of test laboratory (2)</b>  FEV eDLP GmbH  Auf d. Sonnenseite 1  06792 Sandersdorf-Brehna  Tel.: +49 34954 903-500  Email: <a href="mailto:empfang_edlp@fev.com">empfang_edlp@fev.com</a>  Website: <a href="https://edlp.fev.com/">https://edlp.fev.com/</a></p>	<p><b>Name of test laboratory (3)</b>  AVL List GmbH  Hans-List-Platz 1  8020 Graz, Austria  Tel.: +43 316 7870  Email: <a href="mailto:inlo@avl.com">inlo@avl.com</a>  Website: <a href="https://www.avl.com/">https://www.avl.com/</a></p>	<p><b>Name of test laboratory (4)</b>  KE-TEC GmbH  Am Bahndamm 1  87 488 Betzigau  Tel.: +49 831 590 986-0  Email: <a href="mailto:info@ke-tec.com">info@ke-tec.com</a> <a href="https://www.ke-tec.com/">https://www.ke-tec.com/</a></p>
<p><b>Name of test laboratory (5)</b>  Volkswagen AG  Abteilung ZE  Brieffach 013/3760 38112 Braunschweig  +49-531-298-4790  +49-531-298-2403  E-Mail: <a href="mailto:bs-un383.transportfreigabe.bat@volkswagen.de">bs-un383.transportfreigabe.bat@volkswagen.de</a>  Website: <a href="http://www.volkswagenag.com/">http://www.volkswagenag.com/</a></p>	<p><b>Name of test laboratory (6)</b>  SAMSUNG SDI Battery Systems GmbH  Frikusweg 1, A-8141 Premstaetten,  Austria  + 43 3135 51 83 014  <a href="mailto:office.sdibs@samsung.com">office.sdibs@samsung.com</a>  <a href="http://www.samsungsdibs.at">www.samsungsdibs.at</a></p>	<p><b>Name of test laboratory (7)</b>  SAMSUNG SDI Battery Systems GmbH  Industriezeile 2 Objekt 9, 8401  Kalsdorf, Austria  + 43 3135 51 83 014  <a href="mailto:office.sdibs@samsung.com">office.sdibs@samsung.com</a>  <a href="http://www.samsungsdibs.at">www.samsungsdibs.at</a></p>	<p><b>Name of Test laboraty (8)</b>  cetecom advanced GmbH  Untertürkheimer Str. 6-10  66117 Saarbrücken  Tel: +49 681 598 0  E-Mail: <a href="mailto:mail@cetecomadvanced.com">mail@cetecomadvanced.com</a>  Website: <a href="http://www.cetecomadvanced.com">www.cetecomadvanced.com</a></p>
<p><b>Name of Test laboraty (9)</b>  TÜV SÜD Battery Testing GmbH  85748 Garching  Tel: +49 89 32950-710  E-Mail: <a href="mailto:florian.sommer@tuvsud.com">florian.sommer@tuvsud.com</a>  Website: <a href="http://www.tuvsud.com">www.tuvsud.com</a></p>	<p><b>Name of test laboratory (10)</b>  Guangzhou Customs district technology center,  Tower B, No66 Huacheng Avenue,  ZhuJiang Xincheng, Tianhe District,  Guangzhou, Guangdong, P.R.C  020-22131000  E-Mail: <a href="mailto:ppdc@iqtc.cn">ppdc@iqtc.cn</a>  Web-site:<a href="http://www.iqtc.com">http://www.iqtc.com</a></p>	<p><b>Name of test laboratory (11)</b>  LG Energy Solution, LTD.  188, Munji-ro, Yuseong-gu, Daejeon,  Republic of Korea  -82-2-3777-1114  E-Mail:<a href="mailto:Paradiso@lgensol.com">Paradiso@lgensol.com</a>  <a href="http://www.lgensol.com">www.lgensol.com</a></p>	<p><b>Name of test laboratory (12)</b>  CVC Testing Technology Co., Ltd. Building D,  BASIGO INTELLIGENT, No.179, Guangpu  East Road, Huangpu District, Guangzhou, P.  R. China.  020 32293888  E-Mail:<a href="mailto:office@cvc.org.cn">office@cvc.org.cn</a>  <a href="http://www.cvc.org.cn">http://www.cvc.org.cn</a></p>
<p><b>Name of test laboratory (13)</b>  Internal test laboratory at Samsung SDI Co.,  Ltd.  163, Bangudae-ro, Samnam-myeon, Ulju-  gun, Ulsan, Republic of Korea  +82-70-7142-7411  E-Mail: <a href="mailto:heedong.park@samsung.com">heedong.park@samsung.com</a>  Web-site:<a href="http://www.samsungsdico.kr">http://www.samsungsdico.kr</a></p>	<p><b>Name of test laboratory (14)</b>  Guangzhou MCM Certification and  Testing Co., Ltd.  1 F No. 13, Zhong San Section, ShiGuang  Road, Panyu District, Guangzhou City,  Guangdong Province, China.  Huangpu District, Guangzhou, P. R. China  Phone: +86-4008-368-355  E-Mail:<a href="mailto:servic@mcmtek.com">servic@mcmtek.com</a>  <a href="http://www.mcmtek.com">http://www.mcmtek.com</a></p>	<p><b>Name of test laboratory (15)</b>  Vkan Certification &amp; Testing Co., Ltd.  No.3, Tiantai 1st Road, Kaitai Avenue,  Science City, Guangzhou, Guangdong,  China.  Building D, BASIGO INTELLIGENT,  No.179, Guangpu East Road, Huangpu  District, Guangzhou, P. R. China  Phone: +86-020-32293888  E-Mail:<a href="mailto:office@cvc.org.cn">office@cvc.org.cn</a>  <a href="http://www.cvc.org.cn">http://www.cvc.org.cn</a></p>	<p><b>Name of test laboratory (16)</b>  CVC Testing Technology Co., Ltd.  No.3, Tiantai 1st Road, Kaitai Avenue,  Science City, Guangzhou, Guangdong,  China.  Building D, BASIGO INTELLIGENT, No.179,  Guangpu East Road, Huangpu District,  Guangzhou, P. R. China  020 32293888  E-Mail:<a href="mailto:office@cvc.org.cn">office@cvc.org.cn</a>  <a href="http://www.cvc.org.cn">http://www.cvc.org.cn</a></p>

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This document applies exclusively to production batteries.

**Description of Lithium-Ion battery / Beschreibung der Lithium-Ionen Batterie**

<u>model number</u> (BATTYP)	<u>Classification</u>	<u>Mass</u> [kg]	<u>nom. Rating</u> [kWh]	<u>Tests performed</u>	<u>Result</u>	<u>Test report ident No.</u>	<u>Date of Test Report</u>	<u>Product Man.</u>	<u>Test Lab.</u>
BATTYP A02	UN3480 Lithium-Ion batteries	565	71	UN38.3.3.1 (g)	passed	BE99307005188-03	19.07.2019	(A)	(1)
BATTYP A06	UN3480 Lithium-Ion batteries	681	95	UN38.3.3.1 (g)	passed	N3RR0003-00	10.11.2019	(A)	(1)
BATTYP A07	UN3480 Lithium-Ion batteries	573	100	UN38.3.3.1 (g)	passed	1-8159-24-01-02_TR1-R01	12.12.2024	(A)	(8)
BATTYP V112	UN3480 Lithium-Ion batteries	510	82	UN38.3.3.1 (g)	passed	MEB-000088	17.04.2024	(B)	(5)
BATTYP A11	UN3480 Lithium-Ion batteries	513	83	UN38.3.3.1 (g)	passed	V1PL0001-00 E01044-P-B_1	21.02.2024 15.05.2024	(A)	(1) (2)
BATTYP A12	UN3480 Lithium-Ion batteries	573	100	UN38.3.3.1 (g)	passed	2023-01-23_Bericht_OZ3_C5_0678_TG11.07_OverChar	24.01.2023	(A)	(2)
					passed	230216_PPE41_SDI_12M_C2_Kurschluss_V1.0	16.02.2023		(4)
					passed	2023-01-27_Bericht_OZ3_C5_0679_TG11.08_OverDis	26.01.2023		(2)
BATTYP A13	UN3480 Lithium-Ion batteries	573	100,4	UN38.3.3.1 (g)	passed	T4S80002-00 E01039-P-B_1	19.02.2024 20.03.2024	(A)	(1) (2)
BATTYP A14	UN3480 Lithium-Ion batteries	513	83	UN38.3.3.1 (g)	passed	V1PL0001-00 E01044-P-B_1	21.02.2024 15.05.2024	(A)	(1) (2)
BATTYP A15	UN3480 Lithium-Ion batteries	714	95	UN38.3.3.1 (g)	passed	20221117_Bericht_TG09.OX_ECE-R100_OZX.CMUB357_v2.pdf	17.11.2022	(A)	(1)

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BATTYP A18	UN3480 Lithium-ion batteries	573	100	UN38.3.3.1 (g)	passed	023.915.913 AF_DB UN38.3 Testbericht asw.pdf	04.04.2023 - 11.05.2023	(A)	(2) (9)
BATTYP A19	UN 3480 Lithium-ion batteries	137,8	14,1	UN38.3.3.1 (g)	passed	UN3480-E19-15-04-2025	15.04.2025	(A)	(6)
BATTYP A21	UN3480 Lithium-ion batteries	706	95	UN38.3.3.1 (g)	passed	P2850001	31.09.2020 20.12.2020	(A)	(1)
BATTYP A22	UN3480 Lithium-ion batteries	725	114	UN38.3.3.1 (g)	passed	Judgementletter_UN38-3_4KE915912AD_BD.pdf	09.01.2024	(A)	(2)
BATTYP A26	UN 3480 Lithium-ion batteries	169,5	25,9	UN38.3.3.1 (g)	passed	UN3480-PHEV2.0-21-11-2024	21.11.2024	(A)	(7)
BATTYP A30	UN3480 Lithium-ion batteries	573	100	UN38.3.3.1 (g)	passed	T4S80002-00 E01039-P-B_1	19.02.2024 20.03.2024	(A)	(1) (2)
BATTYP A46	UN 3480 Lithium ion batteries	139	17,9	UN38.3.3.1 (g)	passed	UN3480-E46-15-04-2025	15.04.2025	(A)	(6)
BATTYP A47	UN 3480 Lithium ion batteries	143	17,9	UN38.3.3.1 (g)	passed	UN3480-E46-15-04-2025	15.04.2025	(A)	(6)
BATTYP E15	UN 3480 Lithium ion batteries	210	17,2	UN38.3.3.1 (g)	passed	UN3480-E15-12-03-2024	12.03.2024	(A)	(6)
BATTYP E24	UN 3480 Lithium ion batteries	137	14,4	UN38.3.3.1 (g)	passed	UN3480-E22-E24-15-04-2025	15.04.2025	(A)	(6)
TPNP000078	UN3480 Lithium-ion batteries	7,2	0,512	UN38.3.3.1 (f)	passed	011124000000409-1(E)	06.02.2024	(C)	(10)
V017833	UN3480 Lithium-ion batteries	8,94	0,47	UN38.3.3.1 (f)	passed	250523-[UN 38.3-B] Audi 48V	23.05.2025	(D)	(11)
BATMHEVA02	UN3480 Lithium-ion batteries	23,6	1,7	UN38.3.3.1 (f)	passed	RZUN2024-1657	17.05.2024	(E)	(12)

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8W0.915.101 4K0.915.101	UN3480 Lithium-Ion batteries	3,79	0,14	UN38.3.3.1 (f)	passed	VT003274055	2020-01-22	(F)	(13)
CATL 596Wh_13.8 Ah	UN3480 Lithium-Ion batteries	14,1	0,621	UN38.3.3.1 (f)	passed	RZUN2019-2670-TS	26.07.2019	(G)	(14)
					passed	RZUN2019-3292-M1-TS	06.02.2021		(15)
					passed	RZUN2019-3292-M2-TS	21.10.2021		(16)
CATL 704Wh_16Ah _00	UN3480 Lithium-Ion batteries	12,1	0,704	UN38.3.3.1 (f)	passed	RZUN2023-9815-TS	09.01.2024	(H)	(16)
					passed	RZUN2023-9853-TS	09.01.2024		(16)

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## List of tests and results / Liste der Prüfungen und Ergebnisse

<b>Nr. / No.</b>	<b>Test item / Testbeschreibung</b>
(i)	Overcharged
(ii)	Short Circuit
(iii)	Over discharge between batteries

Cells / batteries are manufactured under a quality management program according by the dangerous goods regulations.

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All model numbers mentioned above can be installed in one of the following Audi vehicles depending on the equipment. The exact composition can be obtained at your dealer.

*Alle oben genannten Modellnummern können je nach Ausstattung in folgenden Audi Fahrzeugen verbaut sein. Die exakte Ausstattung können Sie bei Ihrem Händler erfragen:*

A4 Avant	Q5
A4 Avant	Q5 Derivat / Q5 Sportback
A4 Limousine	Q6 e-tron
A3 Sportback	Q3
A5 Coupé	Q4
A5 Sportback	Q5
A6 Avant	Q6 Sportback e-tron
A6 Limousine	Q7
A6 Limousine LWB	Q8
A7 Sportback	S Q5
A8 Limousine	S4 Avant
A8 Limousine LWB	S4 Limousine
A6 Avant e-tron	S5 Sportback
A6 Sportback e-tron	
Audi e-tron / Q8 e-tron	

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**In General:**

We, **AUDI AG**, hereby certify that the Lithium-Ion *batteries* described above have been successfully tested in accordance with UN Manual of Tests and Criteria, Part III, sub section 38.3, 4th rev. Edition, or any subsequent revision and amendment.

The requirements (e.g. manufactured according to a QM programme etc.) of the Chapter 2.9.4 of the UN Model Regulations, 23st revised edition are met.

*Wir, **AUDI AG**, bestätigen hiermit die erfolgreiche Durchführung der Testreihe gemäß UN Manual of Tests and Criteria, Part III, sub-section 38.3, 4. rev. Fassung oder einer späteren Revision und Änderung, für die oben beschriebene Lithium-Ionen-Batterien.*

*Die Bedingungen (z.B. Herstellung gem. eines QM-Programms etc.) des Abschnitts 2.9.4 der UN Modelvorschriften in der Fassung der 23. Ausgabe sind erfüllt.*

Neckarsulm, 14.01.2026

Andreas Nöst (N/EE-V)

\_\_\_\_\_  
Place, Date / Ort, Datum:

\_\_\_\_\_  
Name, Title / Name, Titel :

\_\_\_\_\_  
Signature / Unterschrift:

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