

LITHIUM BATTERIES TEST SUMMARY

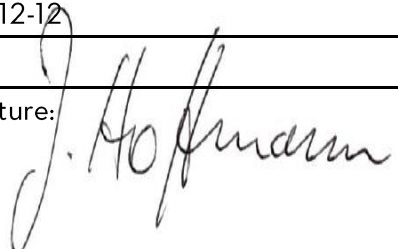
IN ACCORDANCE WITH SUB-SECTION 38.3 OF UN MANUAL OF TESTS AND CRITERIA

1	Product Manufacturer	Andreas Stihl AG & Co. KG Badstraße 115 71336 Waiblingen Germany +49-(0)7151-26-0 info@stihl.de www.stihl.com
2	Model	STIHL battery packs and integrated batteries
3	Voltage rating	See rating plate
4	Ah rating	See rating plate
5	Wh rating	See rating plate

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
38.3.4.7 T7	Overcharge	Passed

(Note that tests T6 and T8 are not applicable to batteries.)

Revision Date:	2019-12-12
Revision Number:	1.0
Name: i.V. Dr. Jürgen Hoffmann	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.

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

Model numbers	Physical Description	Battery weight (kg)	Wh rating	Test report number	Test report date	Applicable UN Numbers acc. to UN Model Regulations
AS2 (10,2 V 2.6 Ah)	Detachable lithium ion battery	0.22	28	MDW-PT1903	2019-06-04	UN3480/ UN3481
AAI 40 (18 V, 2.25 Ah)	Integrated lithium ion battery	0.5	42	BU-2014-02383-0-UN	2015-03-09	UN3480/ UN3481

AAI 50 (18.5 V, 1.9 Ah)	Integrated lithium ion battery	0.6	42	BU-201900502-B1	2019-11-07	UN3480/ UN3481
AAI 80 (18 V, 4,5 Ah)	Integrated lithium ion battery	0.75	83	BU-2014-02383-1-UN	2015-03-16	UN3480/ UN3481
AAI 100 (18.5 V, 3.8 Ah)	Integrated lithium ion battery	0.8	83	BU-201900503-B1	2019-11-07	UN3480/ UN3481
AAI 131 (29 V, 4.5 Ah)	Integrated lithium ion battery	1	130	BU-2016-04485-0-B1	2012-06-27	UN3480/ UN3481
AAI 160 (29.6 V, 3.8 Ah)	Integrated lithium ion battery	1.3	133	BU-201900504-B1	2019-11_07	UN3480/ UN3481
AAI 201 (29 V, 6.8 Ah)	Integrated lithium ion battery	1.4	194	BU-2016-04485-0-B1	2012-12-13	UN3480/ UN3481
AAI 250 (29.6 V, 5,7 Ah)	Integrated lithium ion battery	1.6	200	BU-201900505-B1	2019-11-07	UN3480/ UN3481
AK 10 (36 V, 1.4 -2.0 Ah)	Detachable lithium ion battery	0.8	54-72	21344-rev.01 209684 246105-TL7-1 237965-EC2-11	2015-10-28 2015-06-01 2018-04-20 2017-08-15	UN3480/ UN3481
AK 20 (36 V, 2.8 -4.0 Ah)	Detachable lithium ion battery	1.2	108-144	213448-1 209685 246123-TL7-1 246123-TL7-1	2015-10-28 2015-06-01 2018-04-19 2017-08-15	UN3480/ UN3481
AK 30 (36 V, 4.8 -5.0 Ah)	Detachable lithium ion battery	1.3	180	246125-TL7-1 225083-EC2-1	2018-03-07 2016-09-21	UN3480/ UN3481
AP 80 (36 V, 2.6 Ah)	Detachable lithium ion battery	1.2	84	BU-00028.2010.1.1 8993-1	2010-07-21 2008-07-04	UN3480/ UN3481
AP 100 (36 V, 2.0-2.4 Ah)	Detachable lithium ion battery	0.8-0.9	76-94	196892-1 A2 246609-TL7-1	2015-05-20 2018-03_05	UN3480/ UN3481
AP 115 (36 V, 3.2 Ah)	Detachable lithium ion battery	1.2	118	281300-3380- 0006/187822	2013-11-22	UN3480/ UN3481

AP 120 (36 V, 3.3 Ah)	Detachable lithium ion battery	1.6	118	2203/00-0	2009-04-09	UN3480/ UN3481
AP 160 (36 V, 4.0-4.5 Ah)	Detachable lithium ion battery	1.7	162-172	BU-00010-1.1-UN3480 BU-00010.2010-1.1- UN3480 2199/00-0 BU0051.2009-1.1- UN3480	2010_12_03 2010_12_03 2009-04-09 2009-12-28	UN3480/ UN3481
AP 180 (36 V, 4.2 Ah)	Detachable lithium ion battery	1.7	178	167174	2012-08-15	UN3480/ UN3481
AP 200 (4.0-4.8 Ah)	Detachable lithium ion battery	1.3	151-187	196891-2 A2 246612-TL7	2015-05-20 2018-03-05	UN3480/ UN3481
AP 300 (36 V, 6.0 Ah)	Detachable lithium ion battery	1.7-1.8	227	196898-3 A2 245137-TL7-1	2015-05-20 2018-04-16	UN3480/ UN3481
AP 300 S (36V, 7.2 Ah)	Detachable lithium ion battery	1.8	281	245280-TL7-1	2018-06-04	UN3480/ UN3481
AR 900 (36 V, 23.7-24.75 Ah)	Separable lithium ion battery	6.6	891-916	167168 189326	2012-08-15 2014-03-24	UN3480/ UN3481
AR 1000 (36 V, 16.6 Ah)	Separable lithium ion battery	4.4	626	226763-EC2-1	2016-12-15	UN3480/ UN3481
AR 2000 (36 V, 21.8 Ah)	Separable lithium ion battery	6.7	916	208144	2015-09-22	UN3480/ UN3481
AR 2000 L (36 V, 27.4 Ah)	Separable lithium ion battery	7.5	1015	254558-TL7-3	2019-02-20	UN3480/ UN3481
AR 3000 (36 V, 29.3 Ah)	Separable lithium ion battery	6.8	1148	207688	2016-05-02	UN3480/ UN3481
AR 3000 (36 V, 29.3 Ah)	Separable lithium ion battery	6.8	1148	213449-EC2-2	2016-05-02	UN3480/ UN3481
AR 3000 L (36 V, 41.2 Ah)	Separable lithium ion battery	9.5	1522	254558-TL7-1	2019-02-20	UN3480/ UN3481

HSA 45 (18 V, 2.0 Ah)	Integrated lithium ion battery		36	1116090083	2016-09-09	UN3480/ UN3481
BGA 45 (18 V, 2.5 Ah)	Integrated lithium ion battery		45	1116090214	2016-09-27	UN3480/ UN3481
FSA 45 (18 V, 2.0 Ah)	Integrated lithium ion battery		36	11169090084	2016-09-09	UN3480/ UN3481
5120.4 (HSA 25, 10.8 V, 2.0 Ah)	Detachable lithium ion battery	0.2	21.6	1117030068	2017-05-09	UN3480/ UN3481