

BLACK & DECKER - INTEGRAL- LITHIUM CELLS OR BATTERIES TEST SUMMARY
IN ACCORDANCE WITH SUB-SECTION 38.3 OF UN MANUAL OF TESTS AND CRITERIA

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Stanley Black & Decker’s product lithium ion cells 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	Pass**
38.3.4.7	T7	Overcharge	Pass*
38.3.4.8	T8	Forced Discharge	Pass**

*This test is applicable only for battery packs - 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.

**This test is applicable only to Li-Ion cells and is N/A for 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.

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Product Test Information

Model Numbers	Physical Description	Battery Weight (kg) Mass	Battery Voltage (V)	Wh Rating	Product SKU***	Test report Number	Test Report Date
18650-2S	Internal Battery Pack	.11	8	12/ 10.8	BDCS80I PCC842L ISD72 BDCD8 LPS7000	RZUN2017-3538	1/10/2018
						RZUN2015-0266	1/23/2015
						RZUN2016-1620	5/19/2016
						RZUN2018-1205	5/8/2018
315LFPD	Internal Battery Pack	.22	10.8	16	PD1020L	RZUN2016-1656	6/6/2016
315LPF	Internal Battery Pack	.22	10.8	16.2	PD1020L	RZUN2014-0506	2/28/2014
315LPFB	Internal Battery Pack	.22	10.8	16	PD1020L	RZUN2015-0774	3/24/2015
315LPFC	Internal Battery Pack	.34	10.8	16.2	PD1020L	RZUN2016-1280	4/20/2016
315LPFE	Internal Battery Pack	.33	10.8	16	PD1020L	RZUN2018-1986	8/22/2018
414LFPD	Internal Battery Pack	.26	14.4	22	BDH1620FLFH PD1420LP	RZUN2016-1658	6/6/2016
415LPF	Internal Battery Pack	.27	14.4	21.6	BDH1620FLFH PD1420LP	RZUN2014-0505	2/28/2014
415LPFB	Internal Battery Pack	.26	14.4	22	BDH1620FLFH PD1420LP	RZUN2015-0772	3/24/2015
415LPFC	Internal Battery Pack	.38	14.4	21.6	BDH1620FLFH PD1420LP	RZUN2016-1282	4/20/2016
515LFPD	Internal Battery Pack	.30	18	27	BDH2020FL BDH2020FLFH PD1820L PD1820LF	RZUN2016-1348	5/5/2016
515LPF	Internal Battery Pack	.30	18	27	BDH2020FL BDH2020FLFH PD1820L PD1820LF	RZUN2014-0504	2/28/2014
515LPFB	Internal Battery Pack	.30	18	27	BDH2020FL BDH2020FLFH PD1820L PD1820LF	RZUN2015-0232	2/2/2015
515LPFC	Internal Battery Pack	.42	18	27	BDH2020FL BDH2020FLFH PD1820L PD1820LF	RZUN2016-1284	4/20/2016
AEPP72LA	Internal Battery Pack	.09	7.2	10.8	HNVC215B HNVC215B12 HNVC215BW	RZUN2018-0986	4/4/2018

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					NVC215W NVC215WA		
AEPP72LA-1	Internal Battery Pack	.09	7.2	10.8	HNVC215B HNVC215B12 HNVC215BW NVC215W NVC215WA	RZUN2018-1867	6/29/2018
AEPP72LB	Internal Battery Pack	.10	7.2	14.4	HNVC220B NVC220WC	RZUN2018-0987	4/4/2018
AEPP72LB-1	Internal Battery Pack	.09	7.2	14.4	HNVC220B NVC220WC	RZUN2018-1868	7/3/2018
AEPP72LB-2	Internal Battery Pack	.10	7.2	14.4	HNVC220B NVC220WC	RZUN2019-2099	6/24/2019
DB144LD	Internal Battery Pack	.25	14.4	22	DV1410EL DV1410ECL DV1415EL CHV1410L	RZUN2016-0684	3/1/2016
DB18LC	Internal Battery Pack	.29	18	27	DV1810EL DV1810ECL DV1815EL BDH2000L BDH2010LP	RZUN2016-0685	3/1/2016
BF525LA	Internal Battery Pack	.26	18	45	HCUA525J/JA/JP/ JPC CUA525BHA CUA525BH	RZUN2018-2586	10/18/2018
BF525LB	Internal Battery Pack	.27	18	45	HCUA525J/JA/JP/ JPC CUA525BHA CUA525BH	RZUN2018-2587	10/18/2018
BF620LA	Internal Battery Pack	.31	21.6	43.2	CUA625BH CUA625BHP CUA625BHA	RZUN2018-1626	6/20/2018
BF620LB	Internal Battery Pack	.31	21.6	43.2	CUA625BH CUA625BHP CUA625BHA	RZUN2018-1627	6/20/2019
BF625LA	Internal Battery Pack	.31	21.6	54	CUA625BH CUA625BHP CUA625BHA	RZUN2018-1628	6/22/2018
BF625LB	Internal Battery Pack	.31	21.6	54	CUA625BH CUA625BHP CUA625BHA	RZUN2018-1629	6/22/2018
BF720LA	Internal Battery Pack	.35	27	54	NA	RZUN2018-1630	6/22/2018
BF720LB	Internal Battery Pack	.36	27	54	NA	RZUN2018-1631	6/22/2019

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BF725LA	Internal Battery Pack	.36	25.2	63	NA	RZUN2018-1632	6/22/2018
BF725LB	Internal Battery Pack	.36	25.2	63	NA	RZUN2018-1633	6/22/2018
BFH18LA	Internal Battery Pack	.30	18	45	CVA525JH HCVA525J	RZUN2016-3913	12/15/2016
BFH18LA-1	Internal Battery Pack	.30	18	45	CVA525JH HCVA525J	RZUN2017-0428	3/2/2017
BFS18LA	Internal Battery Pack	.31	18	45	HCUA525J/JA/JP/ JPC CUA525BHA CUA525BH	RZUN2016-3914	12/15/2016
BFS18LA-1	Internal Battery Pack	.31	18	45	HCUA525J/JA/JP/ JPC CUA525BHA CUA525BH	RZUN2017-0428	3/2/2017
DB108LB	Internal Battery Pack	.22	10.8	16.2	DV1010EL DV1010ECL DV1015EL	RZUN2014-0512	3/3/2014
DB108LD	Internal Battery Pack	.22	10.8	16	DV1010EL DV1010ECL DV1015EL	RZUN2015-0777	3/24/2015
DB108LE	Internal Battery Pack	.22	10.8	16.2	DV1010EL DV1010ECL DV1015EL	RZUN2016-1288	4/20/2016
						RZUN2016-1347	5/5/2016
DB144LC	Internal Battery Pack	.26	14.4	21.6	DV1410EL DV1410ECL DV1415EL CHV1410L	RZUN2014-0516	3/3/2014
DB144LD	Internal Battery Pack	.25	14.4	22	DV1410EL DV1410ECL DV1415EL CHV1410L	RZUN2015-0228	1/16/2015
DB144LE	Internal Battery Pack	.26	14.4	21.6	DV1410EL DV1410ECL DV1415EL CHV1410L	RZUN2016-1289	4/20/2016
DB144LF	Internal Battery Pack	.25	14.4	22	DV1410EL DV1410ECL DV1415EL CHV1410L	RZUN2016-1329	5/5/2016
DB18LB	Internal Battery Pack	.30	18	27	DV1810EL DV1810ECL DV1815EL BDH2000L BDH2010LP	RZUN2014-0510	3/3/2014

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DB18LC	Internal Battery Pack	.29	18	27	DV1810EL DV1810ECL DV1815EL BDH2000L BDH2010LP	RZUN2015-0230	1/16/2016
DB18LD	Internal Battery Pack	.30	18	27	DV1810EL DV1810ECL DV1815EL BDH2000L BDH2010LP	RZUN2016-1286	4/20/2016
DB18LF	Internal Battery Pack	.29	18	27	DV1810EL DV1810ECL DV1815EL BDH2000L BDH2010LP	RZUN2016-1328	5/5/2016
DB72LB	Internal Battery Pack	.18	7.2	10.8	DV7210EL DV7215EL	RZUN2014-0508	3/3/2014
DB72LC	Internal Battery Pack	.17	7.2	11	DV7210EL DV7215EL	RZUN2015-0776	3/24/2015
DB72LD	Internal Battery Pack	.18	7.2	10.8	DV7210EL DV7215EL	RZUN2016-1287	4/20/2016
DB72LE	Internal Battery Pack	.18	7.2	10.8	DV7210EL DV7215EL	RZUN2016-1346	5/5/2016
DCF008A	Internal Battery Pack	.11	8	12	NA	RZUN2019-0032	1/18/2019
DCF008B	Internal Battery Pack	.12	7.2	10.8	NA	RZUN2019-0029	2/19/2019
EPP108PVA	Internal Battery Pack	.19	10.8	16.2	HLVA315JP HLVA315JCZ HLVA315JA DVB315JP HLVB315JA	RZUN2018-2568	10/9/2018
EPP108PVB	Internal Battery Pack	.19	10.8	16.2	HLVA315JP HLVA315JCZ HLVA315JA DVB315JP	RZUN2018-2585	10/11/2018
EPP72L15D	Internal Battery Pack	.10	7.2	10.8	NVB215WA NVB215W WDB215WA HNV215BW HNV215BW52	RZUN2016-0672	3/1/2016
EPP72L15D-1	Internal Battery Pack	.10	7.2	10.8	NVB215WA NVB215W WDB215WA HNV215BW HNV215BW52	RZUN2016-1324	5/5/2016

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EPP72L15D-2	Internal Battery Pack	.10	7.2	10.8	NVB215WA NVB215W WDB215WA HNV215BW HNV215BW52	RZUN2016-2257	8/1/2016
EPP72L15D-3	Internal Battery Pack	.10	7.2	10.8	NVB215WA NVB215W WDB215WA HNV215BW HNV215BW52	RZUN2018-0944	4/16/2018
EPP72L20D	Internal Battery Pack	.10	7.2	14.4	HNV220B HNV220BCZ NV220BCZ	RZUN2016-0505	2/2/2016
EPP72L20D-1	Internal Battery Pack	.10	7.2	14.4	HNV220B HNV220BCZ NV220BCZ	RZUN2016-4227	1/20/2017
FL108A/G3L108A	Internal Battery Pack	.19	10.8	16.2	HFVB315J PV1020L PV1020O	RZUN2017-0490	3/3/2017
FL108A-1	Internal Battery Pack	.19	10.8	16.2	HFVB315J PV1020L PV1020O	RZUN2016-1665	5/31/2016
FL108A-1/G3L108B	Internal Battery Pack	.18	10.8	16.2	HFVB315J PV1020L PV1020O	RZUN2017-0485	3/3/2017
FL108B	Internal Battery Pack	.19	14.4	21.6	HFVB320J	RZUN2016-1488	4/29/2016
FL108B-1	Internal Battery Pack	.19	14.4	21.6	HFVB320J	RZUN2016-2410	8/26/2016
FL108B-2	Internal Battery Pack	.19	14.4	21.6	HFVB320J	RZUN2019-2179	8/23/2019
G11L315A	Internal Battery Pack	.18	12	18	BBHV315J BBHV315B	RZUN2018-2621	10/24/2018
G11L315B	Internal Battery Pack	.18	12	18/1 6.2	BBHV315J BBHV315B	RZUN2018-2618	10/23/2018
G11L320A	Internal Battery Pack	.19	12	24	BBHV320J BBHV320B HHVK320J	RZUN2018-2617	10/30/2018
G11L320C	Internal Battery Pack	.18	12	24	BBHV320J BBHV320B HHVK320J	RZUN2018-2634	11/14/2018
G11L320D	Internal Battery Pack	.18	14.4	21.6	BBHV320J BBHV320B HHVK320J	RZUN2019-2184	8/23/2019
G11L320PA	Internal Battery Pack	.19	14.4	21.6	BBHV320JP BBHV320BP HHVK320JP	RZUN2018-1397	5/8/2019

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G11L320PB	Internal Battery Pack	.19	14.4	21.6	BBHV320JP BBHV320BP HHVK320JP	RZUN2019-1398	5/8/2019
G11L320PC	Internal Battery Pack	.19	14.4	21.6	BBHV320JP BBHV320BP HHVK320JP	RZUN2019-2261	7/17/2019
G11L325A	Internal Battery Pack	.19	12	30	HHVK325J	RZUN2018-2619	10/30/2018
G11L325B	Internal Battery Pack	.19	12	30	HHVK325J	RZUN2018-2622	10/30/2018
G11L415A	Internal Battery Pack	.24	16	24	HHVK415B	RZUN2018-2616	11/1/2018
G11L415B	Internal Battery Pack	.24	16	24	HHVK415B	RZUN2018-2620	11/1/2018
G11L515A	Internal Battery Pack	.28	20	30	HHVK515J	RZUN2018-2603	10/31/2018
G11L515B	Internal Battery Pack	.29	20	30	HHVK515J	RZUN2018-2604	10/31/2018
G11L515PA	Internal Battery Pack	.29	18	27	HHVK515JP	RZUN2018-2605	10/31/2018
G11L515PB	Internal Battery Pack	.29	18	27	HHVK515JP	RZUN2018-2606	10/31/2018
G11L520A	Internal Battery Pack	.29	18	36	BHHV520JF BHHV520BF	RZUN2018-2607	11/14/2018
G11L520C	Internal Battery Pack	.29	18	36	BHHV520JF BHHV520BF	RZUN2018-2632	11/14/2018
G11L520D	Internal Battery Pack	.29	18	36	BHHV520JF BHHV520BF	RZUN2019-2182	6/24/2019
G11L520PA	Internal Battery Pack	.30	18	36	BHHV520BP	RZUN2018-2608	11/14/2018
G11L520PC	Internal Battery Pack	.30	18	36	BHHV520BP	RZUN2018-2633	11/14/2018
G11L520PD	Internal Battery Pack	.30	18	36	BHHV520BP	RZUN2019-2260	7/17/2019
G2L18B/G3L18B/ G9L18B	Internal Battery Pack	.28	18	27	BDH2020FL BDH2020FLFH PD1820L PD1820LF PV1820L BDH2000PLA BDH2000L BDH2010LP	RZUN2017-0487	3/7/2017
G2L144A/G3L144A/ G9L144A	Internal Battery Pack	.25	14.4	21.6	PD1420L PD1420LP PV1420L PV1420C CHV1410L	RZUN2017-0488	3/7/2017

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G2L144B/G3L144B/ G9L144B	Internal Battery Pack	.24	14.4	21.6	PD1420L PD1420LP PV1420L PV1420C CHV1410L	RZUN2017-0489	3/3/2017
G2L144C/G3L144C/ G9L144C	Internal Battery Pack	.24	14.4	22	PD1420L PD1420LP PV1420L PV1420C CHV1410L	RZUN2018-1172	4/28/2018
G2L18A/G3L18A/ G9L18A	Internal Battery Pack	.29	18	27	BDH2020FL BDH2020FLFH PD1820L PD1820LF PV1820L BDH2000PLA BDH2000L BDH2010LP	RZUN2017-0486	3/7/2017
G2L18C/G3L18C/ G9L18C	Internal Battery Pack	.29	18	27	BDH2020FL BDH2020FLFH PD1820L PD1820LF PV1820L BDH2000PLA BDH2000L BDH2010LP	RZUN2018-0988	4/11/2018
G95L108A-2/ G9L108A-3/ EPP108LC/FL 108A-3	Internal Battery Pack	.18	10.8	16.2	DVA315J WDA315J HLVA315J FXLVA315J FXLVA315BF HHVI325JR	RZUN2018-0945	3/30/2018
G95L108B-2	Internal Battery Pack	.18	14.4	21.6	DVA315J WDA315J HLVA315J FXLVA315J FXLVA315BF	RZUN2019-2181	8/23/2019
						RZUN2017-0757	3/24/2017
G95L108C-1	Internal Battery Pack	.18	18	27	DVA315J WDA315J HLVA315J FXLVA315J FXLVA315BF HHVI325JR HLWVA325J	RZUN2017-0427	3/14/2017
G9L108A/EP P108LB/ G95L108A-1	Internal Battery Pack	.18	10.8	16.2	DVA315J WDA315J HLVA315J	RZUN2017-0759	3/16/2017

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					FXLVA315J FXLVA315BF HHVI325JR		
G9L108A-1	Internal Battery Pack	.18	10.8	16.2	HHVI315J	RZUN2016-1325	5/5/2016
G9L108A-2/ G95L108A/EP P108LA	Internal Battery Pack	.18	10.8	16.2	DVA315J WDA315J HLVA315J FXLVA315J FXLVA315BF HHVI325JR	RZUN2017-0758	3/16/2017
G9L108B/G9 5L108B	Internal Battery Pack	.18	10.8	21.6	DVA320J WDA320J HLVA320J	RZUN2016-4224	7/5/2017
G9L108B-2	Internal Battery Pack	.19	10.8	21.6	HHVI320JR	RZUN2019-2186	8/23/2019
G9L108C,G95 L108C	Internal Battery Pack	.18	18	27	HLVA325J HLVA325B HLWVA325J HLVA325JP	RZUN2016-4225	1/5/2017
G9L108D/ G95L108B-1	Internal Battery Pack	.18	10.8	21.6	DVA320J WDA320J HLVA320J	RZUN2017-0345	1/18/2017
G9L72A	Internal Battery Pack	.13	7.2	14.4	HWVI220J	RZUN2016-1663	5/27/2019
G9L72A-1	Internal Battery Pack	.13	7.2	14.4	HWVI220J	RZUN2016-1664	5/27/2016
G9L72A-2	Internal Battery Pack	.13	7.2	14.4	HWVI220J	RZUN2019-2183	8/23/2019
G9L72B	Internal Battery Pack	.13	12	18	HWVI225J	RZUN2016-1662	5/27/2016
HPP6CL	Internal Battery Pack	.34	21.6	43	HVFE2150L HV2150LP BDH2400FH	RZUN2014-0649	4/21/2014
HPP9CL	Internal Battery Pack	.48	32.4	65	CS3250W SVFV3250L BDH3610SV BDH3600SV	RZUN2014-0648	4/21/2014
MPP108LA	Internal Battery Pack	.18	10.8	16.2	DVJ315J HHVJ315J HHVJ315JMD	RZUN2015-1439	7/20/2015
MPP108LA-1	Internal Battery Pack	.18	10.8	16.2	DVJ315J HHVJ315J HHVJ315JMD	RZUN2016-1326	5/5/2016
MPP108LA-2	Internal Battery Pack	.18	10.8	16.2	DVJ315J HHVJ315J HHVJ315JMD	RZUN2016-2254	8/1/2016

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MPP108LA-3	Internal Battery Pack	.18	10.8	16.2	DVJ315J HHVJ315J HHVJ315JMD	RZUN2018-1174	8/20/2018
MPP108LB	Internal Battery Pack	.18	10.8	21.6	DVJ320J	RZUN2015-1317	7/20/2015
MPP108LB-1	Internal Battery Pack	.18	10.8	21.6	DVJ320J	RZUN2015-1762	10/12/2015
MPP108LB-3	Internal Battery Pack	.18	10.8	21.6	DVJ320J	RZUN2019-2180	8/23/2019
MPP108LC	Internal Battery Pack	.18	18	27	DVJ325J	RZUN2015-1442	7/21/2015
MPP108LC-1	Internal Battery Pack	.19	18	27	DVJ325J	RZUN2016-4225	1/20/2017
MPP108LPA	Internal Battery Pack	.18	10.8	16.2	HHVJ315J HHVJ315JMMF	RZUN2015-1440	7/20/2015
MPP108LPA-1	Internal Battery Pack	.18	10.8	16.2	HHVJ315J HHVJ315JMMF	RZUN2016-1873	7/22/2016
MPP108LPA-2	Internal Battery Pack	.18	10.8	16.2	HHVJ315J HHVJ315JMMF	RZUN2016-2260	8/1/2016
MPP108LPA-3	Internal Battery Pack	.18	10.8	16.2	HHVJ315J HHVJ315JMMF	RZUN2018-1133	5/3/2018
MPP108LPB	Internal Battery Pack	.19	10.8	21.6	HHVJ320BMF HHVJ320BMFS	RZUN2015-1441	7/21/2015
MPP108LPB-1	Internal Battery Pack	.19	10.8	21.6	HHVJ320BMF HHVJ320BMFS	RZUN2015-1763	10/12/2015
MPP108LPC-1	Internal Battery Pack	.19	18	27	HHVJ320BMF HHVJ320BMFS	RZUN2016-4226	1/20/2017
MPP144LA	Internal Battery Pack	.25	14.4	21.6	HSVJ415J HSVJ415JMMBF	RZUN2015-1445	7/21/2015
MPP144LA-1	Internal Battery Pack	.25	14.4	21.6	HSVJ415J HSVJ415JMMBF	RZUN2016-1327	5/5/2016
MPP144LA-2	Internal Battery Pack	.25	14.4	21.6	HSVJ415J HSVJ415JMMBF	RZUN2018-0724	2/1/2018
MPP144LA-3/ MPP144LB-3	Internal Battery Pack	.27	14.4	21.6	HFEJ415J HFEJ415JMWMF	RZUN2018-1134	4/28/2018
MPP144LB-2	Internal Battery Pack	.25	14.4	21.6	HFEJ415J HFEJ415JMWMF	RZUN2016-2256	8/1/2016
						RZUN2016-1874	7/22/2016
MPP18LA	Internal Battery Pack	.30	18	36	FEJ520JF FEJ520JFS	RZUN2015-1444	7/21/2015
MPP18LA-1	Internal Battery Pack	.30	18	36	FEJ520JF FEJ520JFS	RZUN2015-1760	10/12/2015
MPP18LA-3	Internal Battery Pack	.31	18	36	FEJ520JF FEJ520JFS	RZUN2019-2188	8/23/2019
MPP18LB	Internal Battery Pack	.30	18	36	HSVJ520JMBF	RZUN2015-1447	7/21/2015

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MPP18LB-1	Internal Battery Pack	.31	18	36	HSVJ520JMBF	RZUN2018-0727	2/5/2018
MPP18LB-3	Internal Battery Pack	.32	18	36	HSVJ520JMBF	RZUN2019-2185	8/23/2019
MPP72L-1	Internal Battery Pack	.13	7.2	10.8	DVJ215J HHVJ215J	RZUN2016-1350	5/5/2016
MPP72L-3	Internal Battery Pack	.13	7.2	10.8	DVJ215J HHVJ215J	RZUN2018-1173	4/28/2018
MPP72LA	Internal Battery Pack	.13	7.2	10.8	DVJ215J HHVJ215J	RZUN2015-1316	7/20/2015
MPP72LA-2	Internal Battery Pack	.13	7.2	10.8	DVJ215J HHVJ215J	RZUN2016-2252	8/1/2016
MPPL44LB	Internal Battery Pack	.25	14.4	21.6	HFEJ415J HFEJ415J MWMF	RZUN2015-1446	7/21/2015
ORB72LC	Internal Battery Pack	.15	7.2	10.8	ORB72CRL ORB72MBL ORB72BGL ORB72EBL	RZUN2016-1659	6/6/2016
ORB72LD	Internal Battery Pack	.14	7.2	10.8	ORB72CRL ORB72MBL ORB72BGL ORB72EBL	RZUN2017-0997	5/23/2017
PH108LA	Internal Battery Pack	.21	12	18	HHVJ315J HHVJ315JMDP	RZUN2016-2527	9/30/2016
PH108LA-2	Internal Battery Pack	.21	10.8	16.2	HHVJ315J HHVJ315JMDP	RZUN2017-3071	12/19/2017
						RZUN2018-1985	8/3/2018
PH108LB	Internal Battery Pack	.22	12	30	HHVJ325JMP HHVJ325BMP DVJ325BFSP	RZUN2016-2528	9/30/2016
PH108LB-1	Internal Battery Pack	.21	10.8	27	HHVJ325JMP HHVJ325BMP DVJ325BFSP	RZUN2017-2679	12/1/2017
IMR18650HB 7	Internal Battery Pack	.04	3.6	5.4	BCF601 BCF611 BDCS20 BDCS30 BDCS40BI BDCS50 BDCSFL20C BDCSFL30C CMCF604 LI2000 LI4000 DP240 PD600 CS3651LC CS3652LC	RZUN2016-1290 RZUN2020-0784 QDI-150924-C- IMR18650HB7	4/20/2016 3/26/2020 9/25/2015


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					CS3653LC CP310X KC460LN KC36LN AS36LN CS36BS BCRTA601 BDCSFL20 BDCSFS30 BHPC110 BHPC210 BHPC220		
INR18650-15++	Internal Battery Pack	.04	3.6	5.4	BCF601 BCF611 BDCS20 BDCS30 BDCS40BI BDCS50 BDCSFL20C BDCSFL30C CMCF604 LI2000 LI4000 DP240 PD600 CS3651LC CS3652LC CS3653LC CP310X KC460LN KC36LN AS36LN CS36BS BCRTA601 BCRTA01 BCRTA0105 BCRTA0110 BCRTA0120 BDCSFL20 BDCSFS30	RZUN2016-0666 RZUN2020-1774 SDI-UN-141105-02	2/25/2016 8/19/2020 11/5/2014
ICR18650 1500mAh	Internal Battery Pack	.04	3.7V	5.55	BCF601 BCF611 BDCS20 BDCS30 BDCS40BI BDCS50 BDCSFL20C BDCSFL30C	1111050098 RZUN2019-5086 1118110180	7/6/2011 1/7/2020 12/25/2018

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					CMCF604 LI2000 LI4000 DP240 PD600 CS3651LC CS3652LC CS3653LC CP310X KC460LN KC36LN AS36LN CS36BS BCRTA601 BDCSFL20 BHPC110 BHPC210 BHPC220		
EPP36L15L-1	Internal battery pack	0.6	3.6	5.4	HNVB115J10	RZUN2016-2554	10/27/2016
EPP36L15S-3	Internal battery pack	0.55	3.6	5.4	HNV115J18WM HNV115J42WM HNV115J72WM HNV115J33WM HNV115J06-2 HNV115J62-2 HNV115J13-2 HNV115J21-2	RZUN2016-2255	4/2/2018
SW9007D-P	Internal battery pack	0.07	3.6	5.4	HFS115	ZKS190100671	2/20/2019
JD5658BP	Internal battery pack	0.09	7.2	10.8	BCRT8	2120082675	8/20/2020
VC2990AB-P	Internal battery pack	0.22	14.4/ 16	28.8/ 32	HSVB420J	XB20181201U03 XB20181201U01	12/14/2018 12/14/2018

***Note: The Product SKU may be followed by an alpha and/or numeric suffix (i.e. - A, -K, K2, -35, APB, etc.), for internal purposes. These units are identical to the base units except for additional bilingual markings or they may be packaged with a Kit-box, an extra battery, or different packaging. The suffix may also represent a derivative model that is identical to a base model except for a cosmetic difference or added accessory that does not affect the UN 38.3 Certification.

Signature 
Name, Title Steve Cao, Compliance Manager

BLACK & DECKER - INTEGRAL- LITHIUM CELLS OR BATTERIES TEST SUMMARY
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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	14 th Jan 2020	Ted Yang	Product SKU add
1.2	25 th Feb 2020	Ted Yang	Added single cell units
1.3	27 th Feb 2020	Cynthia Davey	Added single cell unit
1.4	12 th March 2020	Cynthia Davey	Added additional skus
1.5	11 th Sept. 2020	Cynthia Davey	Added note and additional skus
1.6	14 th Sept. 2020	Cynthia Davey	Added additional skus
1.7	17 th Sept. 2020	Cynthia Davey	Added additional skus
1.8	24 th Sept. 2020	Cynthia Davey	Added additional skus
1.9	11 th Nov. 2020	Cynthia Davey	Added additional skus
1.10	30 th March 2021	Cynthia Davey	Added additional skus