

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

Product Manufacturer

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Title: UN 38.3 compliance



Apple Inc.'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	TESTS COMPLETED	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 Battery manufacturers/Test Houses and were tested to UN Manual Test and Criteria Revision 3 Amendment 1 or subsequent revisions or amendments.

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Simplo Simplo Changshu No.888 Dongnan Avenue Changshu New & Hi-Tech Industrial Development Zone Jiangsu CHINA 215500 T: +86-512-52302255 U: www.simplo.com.tw/	Dynapack Dynapack Electronic Technology (Suzhou) Co., Ltd No.8 Hua-Gang Road WuJiang Economical and Technological Development Zone Suszhou City, Jiangsu CHINA 215200 T: 0086-05126340868 U: www.dynapack.com.tw

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The following table provides Apple Product Test Summary Data

Model Number	Description	Battery Type	Battery Description	Battery Model #	Battery Weight - Mass (g)	WH Rating In Volts	Test Report #	Test Report Date	UN Revision & Amendment
A1644	Apple Magic Keyboard	Lithium ion battery	battery	A1645	15.428	2.98	S-16120057	2016-12-12	Rev. 5
HK-Macau-A2220		Lithium ion	battery	616-00653	61.246	15.04	S-19030123A1	2019-07-24	Rev.6
				616-00650	62	15.04	S19-B0505-1	2019-06-20	N/A
				616-00652	63.853	15.04	S-19040068A1	2019-07-24	Rev.6
HK-Macau-A2217		Lithium ion	battery	616-00660	47	11.67	S19-B0464-1	2019-06-20	N/A
HK-Macau-A2223		Lithium ion battery	battery	616-00640	44.718	11.91	S-19020060A1	2019-07-10	Rev.6
				616-00641	45.333	11.91	S-19020037A1	2019-07-10	Rev.6
				616-00642	45.589	11.91	S-19020111A0	2019-03-14	Rev.6
A1779	iPhone 7	Li-ion Battery	Pouch	616-00259	27.68	7.45	AP-CU-16-05-003	2016-05-03	Rev. 5
				616-00599	28.19	7.45	S-19020071A1	2019-08-21	Rev.6
				616-00257	28.05	7.45	DS20160427U01	2016-05-13	N/A
A1660	iPhone 7 Plus Product Red Special Edition	Li-ion Battery	Pouch	616-00259	27.68	7.45	AP-CU-16-05-003	2016-05-03	Rev. 5
				616-00599	28.19	7.45	S-19020071A1	2019-08-21	Rev.6
				616-00257	28.05	7.45	DS20160427U01	2016-05-13	N/A
A1778	iPhone 7	Li-ion Battery	Pouch	616-00259	27.68	7.45	AP-CU-16-05-003	2016-05-03	Rev. 5
				616-00257	28.05	7.45	DS20160427U01	2016-05-13	N/A
A1700	iPhone 6s	Li-ion Battery	Pouch	616-00036	25.63	6.55	AP-CU-15-12-020	2015-12-16	Rev. 5
				616-00033	25.66	6.50	DS20140815UA501	2014-09-02	N/A
A1691	iPhone 6s	Li-ion Battery	Pouch	616-00036	25.63	6.55	AP-CU-15-12-020	2015-12-16	Rev. 5
				616-00033	25.66	6.50	DS20140815UA501	2014-09-02	N/A
A1688	iPhone 6s	Li-ion Battery	Pouch	616-00036	25.63	6.55	AP-CU-15-12-020	2015-12-16	Rev. 5
				616-00033	25.66	6.50	DS20140815UA501	2014-09-02	N/A
A1633	iPhone 6s	Li-ion Battery	Pouch	616-00036	25.63	6.55	AP-CU-15-12-020	2015-12-16	Rev. 5
				616-00033	25.66	6.50	DS20140815UA501	2014-09-02	N/A
A1602		Li-ion Battery	Pouch	A1596	6.90	1.52	AP-CU-15-06-015	2015-06-20	Rev. 5
A1652	iPad Pro	Li-ion Battery	Pouch	616-00595	43.08	10.90	AP-CU-19-04-004	2019-04-30	Rev.6
				A2177	43.21	10.90	AP-CU-19-07-003	2019-07-26	Rev. 6
A1584	iPad Pro	Li-ion Battery	Pouch	616-00595	43.08	10.90	AP-CU-19-04-004	2019-04-30	Rev.6
				A2177	43.21	10.90	AP-CU-19-07-003	2019-07-26	Rev. 6
A1863	4.7" iPhone 8	Li-ion Battery	Pouch	616-00511	25.50	6.96	64-282-18-199-01	2018-09-11	Rev. 6
				616-00510	25.50	6.96	64-282-18-198-01	2018-09-11	Rev. 6
				616-00361	25.34	6.96	AP-CU-17-03-007	2017-03-29	Sixth revised edition, Section 38.3
				616-00358	25.46	6.96	S17-B0369-1	2017-06-12	N/A
A1906	4.7" iPhone 8	Li-ion Battery	Pouch	616-00361	25.34	6.96	AP-CU-17-03-007	2017-03-29	Sixth revised edition, Section 38.3
				616-00358	25.46	6.96	S17-B0369-1	2017-06-12	N/A
A1905	4.7" iPhone 8	Li-ion Battery	Pouch	616-00361	25.34	6.96	AP-CU-17-03-007	2017-03-29	Sixth revised edition, Section 38.3
				616-00358	25.46	6.96	S17-B0369-1	2017-06-12	N/A

Model Number	Description	Battery Type	Battery Description	Battery Model #	Battery Weight - Mass (g)	WH Rating In Volts	Test Report #	Test Report Date	UN Revision & Amendment
A2051	iPad Accy AB	Li-ion Battery	Pouch	A2035	3.25	0.21	AP-CU-18-03-001	2018-03-15	Sixth revised edition, Section 38.3
A1706	MacBook Pro 13-inch	Li-ion Battery	Pouch	A1819	225.50	49.20	AP-CU-16-07-007	2016-07-14	Fifth revised edition, Amend.2
A1550	iPad Mini 4	Li-ion Battery	Pouch	A1546	94.20	19.32	AP-CU-15-11-040	2015-11-21	Rev. 5
A1538	iPad Mini 4	Li-ion Battery	Pouch	A1546	94.20	19.32	AP-CU-15-11-040	2015-11-21	Rev. 5
Right:A2048		Lithium ion cell	Rechargeable lithium ion button cell	CP1254A3	1.60	0.20	1116080184	2016-10-18	Rev. 5
Left:A2047		Lithium ion cell	Rechargeable lithium ion button cell	CP1254A3	1.6	0.2	1116080184	2016-10-18	Rev. 5
A2084(L)		Lithium ion cell	Rechargeable lithium ion button cell	CP1154A3HOC	1.4	0.16	18301	2018-12-14	Rev. 6
A2083(R)		Lithium ion cell	Rechargeable lithium ion button cell	CP1154A3HOC	1.4	0.16	18301	2018-12-14	Rev. 6
A2190		Lithium ion	battery	A2135	11.962	1.98	S-18100163A1	2019-07-24	Rev.6
				616-00557	12.021	1.98	S19-B0555-1	2019-07-08	NA
ROW-A2218		Lithium ion	battery	616-00652	63.853	15.04	S-19040068A1	2019-07-24	Rev.6
				616-00653	61.246	15.04	S-19030123A1	2019-07-24	Rev.6
				616-00650	62	15.04	S19-B0505-1	2019-06-20	N/A
CMCC-A2219		Lithium ion	battery	616-00652	63.853	15.04	S-19040068A1	2019-07-24	Rev.6
				616-00653	61.246	15.04	S-19030123A1	2019-07-24	Rev.6
				616-00650	62	15.04	S19-B0505-1	2019-06-20	N/A
NA-A2161		Lithium ion	battery	616-00652	63.853	15.04	S-19040068A1	2019-07-24	Rev.6
				616-00653	61.246	15.04	S-19030123A1	2019-07-24	Rev.6
				616-00650	62	15.04	S19-B0505-1	2019-06-20	N/A
A1989	MacBook Pro 13"	Lithium ion battery	battery	A1964	250.82	58	S-17090064	2017-10-16	Rev.6
				A1964	250.55	58	S-18010137	2019-02-09	Rev.6
A1901	5.8" iPhone X (GSM)	Li-ion Battery	Pouch	616-00346	40.4453	10.35	S17-B0367	2017-06-15	N/A
				616-00353	39.448	10.35	S-17050109	2017-06-10	Rev.6
				616-00351	39.604	10.35	S-17050107	2017-06-10	Rev.6
A1902	5.8" iPhone X (Japan)	Li-ion Battery	Pouch	616-00346	40.4453	10.35	S17-B0367	2017-06-15	N/A
				616-00353	39.448	10.35	S-17050109	2017-06-10	Rev.6
				616-00351	39.604	10.35	S-17050107	2017-06-10	Rev.6
A1865	5.8" iPhone X (GSM and CDMA)	Li-ion Battery	Pouch	616-00346	40.4453	10.35	S17-B0367	2017-06-15	N/A
				616-00353	39.448	10.35	S-17050109	2017-06-10	Rev.6
				616-00351	39.604	10.35	S-17050107	2017-06-10	Rev.6
A1898	5.5" iPhone 8 Plus	Li-ion Battery	Pouch	616-00364	37.244	10.28	S17-B0286	2017-05-25	N/A
				616-00367	37.222	10.28	S-17040072	2017-05-15	Rev.5
A1897	5.5" iPhone 8 Plus	Li-ion Battery	Pouch	616-00364	37.244	10.28	S17-B0286	2017-05-25	N/A
				616-00367	37.222	10.28	S-17040072	2017-05-15	Rev.5
A1864	5.5" iPhone 8 Plus	Li-ion Battery	Pouch	616-00364	37.244	10.28	S17-B0286	2017-05-25	N/A
				616-00367	37.222	10.28	S-17040072	2017-05-15	Rev.5

Model Number	Description	Battery Type	Battery Description	Battery Model #	Battery Weight - Mass (g)	WH Rating In Volts	Test Report #	Test Report Date	UN Revision & Amendment
A1921	iPhone Xs Max	Li-ion Battery	Pouch	616-00507	48.7768	12.08	S18-B0512-1	2018-06-05	N/A
				616-00506	49.425	12.08	S-18030153	2018-04-11	Rev.6
				616-00502	49.28	12.08	S-18030157	2018-04-12	Rev.6
A2102	iPhone XS Max	Li-ion Battery	Pouch	616-00507	48.7768	12.08	S18-B0512-1	2018-06-05	N/A
				616-00506	49.425	12.08	S-18030153	2018-04-11	Rev.6
				616-00502	49.28	12.08	S-18030157	2018-04-12	Rev.6
ChinaCM-A2103		Li-ion Battery	Pouch	616-00507	48.7768	12.08	S18-B0512-1	2018-06-05	N/A
				616-00506	49.425	12.08	S-18030153	2018-04-11	Rev.6
				616-00502	49.28	12.08	S-18030157	2018-04-12	Rev.6
ChinaOD-A2104		Li-ion Battery	Pouch	616-00507	48.7768	12.08	S18-B0512-1	2018-06-05	N/A
				616-00506	49.425	12.08	S-18030153	2018-04-11	Rev.6
				616-00502	49.28	12.08	S-18030157	2018-04-12	Rev.6
A2101	iPhone XS Max	Li-ion Battery	Pouch	616-00507	48.7768	12.08	S18-B0512-1	2018-06-05	N/A
				616-00506	49.425	12.08	S-18030153	2018-04-11	Rev.6
A2032(R)		Lithium Ion	Pouch	ICR04623	0.997	0.095	QAE-EF02-141105-CYS04623	2014-11-05	Rev. 5
				820-01218/741-00019/ICR04623	22.5	0.095	GT20190716U01	2014-11-05	Rev. 6
				820-01218/741-00019/ICR04623	22.5	0.095	GT20190716U02	2014-11-05	Rev. 6
				820-01218/741-00019/ICR04623	22.5	0.095	S18-B0951-2	2018-12-06	Rev. 6
				820-01218/741-00019/ICR04623	22.5	0.095	S18-B0951-1	2018-12-06	Rev. 6
A2031(L)		Lithium Ion	Pouch	ICR04623	0.997	0.095	QAE-EF02-141105-CYS04623	2014-11-05	Rev. 5
				820-01218/741-00019/ICR04623	22.5	0.095	GT20190716U01	2014-11-05	Rev. 6
				820-01218/741-00019/ICR04623	22.5	0.095	GT20190716U02	2014-11-05	Rev. 6
				820-01218/741-00019/ICR04623	22.5	0.095	S18-B0951-2	2018-12-06	Rev. 6
				820-01218/741-00019/ICR04623	22.5	0.095	S18-B0951-1	2018-12-06	Rev. 6
A1763	BEATS	Lithium Ion	Pouch	ICR04623	0.997	0.095	QAE-EF02-141105-CYS04623	2014-11-05	Rev. 5
				A1773	2.3	0.19	DGXND20160315U501	2016-03-28	Rev. 6
A1523		Lithium Ion	Pouch	ICR04623	0.997	0.095	QAE-EF02-141105-CYS0462	2014-11-05	Rev. 5
				820-01218/741-00019/ICR04623	22.5	0.095	S18-B0951-2	2018-12-06	Rev. 6
				820-01218/741-00019/ICR04623	22.5	0.095	S18-B0951-1	2018-12-06	Rev. 6
A1722		Lithium Ion	Pouch	ICR04623	0.997	0.095	QAE-EF02-141105-CYS04623	2014-11-05	Rev. 5
				820-01218/741-00019/ICR04623	22.5	0.095	S18-B0951-2	2018-12-06	Rev. 6
				820-01218/741-00019/ICR04623	22.5	0.095	S18-B0951-1	2018-12-06	Rev. 6

Model Number	Description	Battery Type	Battery Description	Battery Model #	Battery Weight - Mass (g)	WH Rating In Volts	Test Report #	Test Report Date	UN Revision & Amendment
A1920	iPhone XS	Li-ion Battery	Pouch	616-00512	41.0647	10.13	S18-B0389-1	2018-05-03	N/A
				616-00514	41.236	10.13	S-18030008	2018-03-21	Rev.6
A2098	iPhone XS	Li-ion Battery	Pouch	616-00512	41.0647	10.13	S18-B0389-1	2018-05-03	N/A
				616-00514	41.236	10.13	S-18030008	2018-03-21	Rev.6
CHINACM-A2099		Li-ion Battery	Pouch	616-00512	41.0647	10.13	S18-B0389-1	2018-05-03	N/A
				616-00514	41.236	10.13	S-18030008	2018-03-21	Rev.6
CHINAOD-A2100		Li-ion Battery	Pouch	616-00512	41.0647	10.13	S18-B0389-1	2018-05-03	N/A
				616-00514	41.236	10.13	S-18030008	2018-03-21	Rev.6
A2097	iPhone XS	Li-ion Battery	Pouch	616-00512	41.0647	10.13	S18-B0389-1	2018-05-03	N/A
				616-00514	41.236	10.13	S-18030008	2018-03-21	Rev.6
A1680	BEATS	Li-ion Battery	Cylindrical	A1663	102.36	18	UN-A1663	2015-05-22	5.2
A1466	MacBook Air 13-inch	Li-ion Battery	Li-Polymer	A1496	300	54.4	UN-A1496	2015-05-27	5.2
A1675	iPad Pro 9.7-inch Wi-Fi + Cellular	Li-ion Battery	Li-Polymer	A1664	130	28.28	UN-A1664	2015-05-06	5.2
				A1664	126.5	27.91	AP-CU-15-07-005	2015-07-09	Rev. 5
A1674	iPad Pro 10	Li-ion Battery	Li-Polymer	A1664	130	28.28	UN-A1664	2015-05-06	5.2
				A1664	126.5	27.91	AP-CU-15-07-005	2015-07-09	Rev. 5
A1673	iPad Pro 10	Li-ion Battery	Li-Polymer	A1664	130	28.28	UN-A1664	2015-05-06	5.2
				A1664	126.5	27.91	AP-CU-15-07-005	2015-07-09	Rev. 5
A2078		Rechargeable Li-ion Polymer Battery	Rechargeable Li-ion single cell battery	AEC353535A	7.7	1.29	1118020097	2018-04-13	Rev. 6
A2180	iPhone 11 PRO MAX Smart Battery Case	Li-ion Battery	Pouch	A2177	43.212	10.9	AP-CU-19-07-003	2019-07-26	Rev. 6
				616-00595	43.077	10.9	AP-CU-19-04-004	2019-04-30	Rev.6
A2184	iPhone 11 PRO Smart Battery Case	Li-ion Battery	Pouch	A2177	43.212	10.9	AP-CU-19-07-003	2019-07-26	Rev. 6
				616-00595	43.077	10.9	AP-CU-19-04-004	2019-04-30	Rev.6
A2183	iPhone 11 Smart Battery Case	Li-ion Battery	Pouch	A2177	43.212	10.9	AP-CU-19-07-003	2019-07-26	Rev. 6
				616-00595	43.077	10.9	AP-CU-19-04-004	2019-04-30	Rev.6
A2071	iPhone XS MAX Smart Battery Case	Li-ion Battery	Pouch	616-00509	44.056	10.4	AP-CU-18-03-004	2018-04-17	Rev. 6
A2070	iPhone XS Smart Battery Case	Li-ion Battery	Pouch	616-00509	44.056	10.4	AP-CU-18-03-004	2018-04-17	Rev. 6
A2121	iPhone XR Smart Battery Case	Li-ion Battery	Pouch	616-00509	44.056	10.4	AP-CU-18-03-004	2018-04-17	Rev. 6
A2106	iPhone XR	Li-ion Battery	Pouch	616-00598	45	11.16	642821907501	2019-05-24	Rev. 6
				616-00597	45	11.16	642821907301	2019-05-24	Rev. 6
				616-00524	44.3	11.16	AP-CU-18-05-009	2018-05-07	Rev. 6
				616-00471	44.7	11.16	AP-CU-17-12-003	2017-12-07	Rev. 6
				616-00468	43.391	11.16	S-17120106	2017-12-27	Rev.6
				616-00470	45.958	11.16	S-18030131	2018-04-10	Rev.6
				616-00469	43.552	11.16	S-17120111	2018-01-09	Rev.6

Model Number	Description	Battery Type	Battery Description	Battery Model #	Battery Weight - Mass (g)	WH Rating In Volts	Test Report #	Test Report Date	UN Revision & Amendment
ChinaCM-A2107		Li-ion Battery	Pouch	616-00598	45	11.16	64282190750 1	2019-05-24	Rev. 6
				616-00597	45	11.16	64282190730 1	2019-05-24	Rev. 6
				616-00524	44.3	11.16	AP-CU-18-05-009	2018-05-07	Rev. 6
				616-00471	44.7	11.16	AP-CU-17-12-003	2017-12-07	Rev. 6
				616-00468	43.391	11.16	S-17120106	2017-12-27	Rev.6
				616-00470	45.958	11.16	S-18030131	2018-04-10	Rev.6
				616-00469	43.552	11.16	S-17120111	2018-01-09	Rev.6
ChinaOD-A2108		Li-ion Battery	Pouch	616-00598	45	11.16	64282190750 1	2019-05-24	Rev. 6
				616-00597	45	11.16	64282190730 1	2019-05-24	Rev. 6
				616-00524	44.3	11.16	AP-CU-18-05-009	2018-05-07	Rev. 6
				616-00471	44.7	11.16	AP-CU-17-12-003	2017-12-07	Rev. 6
				616-00468	43.391	11.16	S-17120106	2017-12-27	Rev.6
				616-00470	45.958	11.16	S-18030131	2018-04-10	Rev.6
				616-00469	43.552	11.16	S-17120111	2018-01-09	Rev.6
A2105	iPhone XR	Li-ion Battery	Pouch	616-00598	45	11.16	64282190750 1	2019-05-24	Rev. 6
				616-00597	45	11.16	64282190730 1	2019-05-24	Rev. 6
				616-00524	44.3	11.16	AP-CU-18-05-009	2018-05-07	Rev. 6
				616-00471	44.7	11.16	AP-CU-17-12-003	2017-12-07	Rev. 6
				616-00468	43.391	11.16	S-17120106	2017-12-27	Rev.6
				616-00470	45.958	11.16	S-18030131	2018-04-10	Rev.6
				616-00469	43.552	11.16	S-17120111	2018-01-09	Rev.6
A1984	iPhone XR	Li-ion Battery	Pouch	616-00598	45	11.16	64282190750 1	2019-05-24	Rev. 6
				616-00597	45	11.16	64282190730 1	2019-05-24	Rev. 6
				616-00524	44.3	11.16	AP-CU-18-05-009	2018-05-07	Rev. 6
				616-00471	44.7	11.16	AP-CU-17-12-003	2017-12-07	Rev. 6
				616-00468	43.391	11.16	S-17120106	2017-12-27	Rev.6
				616-00470	45.958	11.16	S-18030131	2018-04-10	Rev.6
				616-00469	43.552	11.16	S-17120111	2018-01-09	Rev.6
A1932	Macbook Air 13.3 inch	Li-ion Battery	Pouch	A1965	225.6	49.9	AP-CU-17-08-2	2017-08-09	Rev. 6
A1990	Macbook Pro 15 Retina	Li-ion Battery	Pouch	A1953	334.5	83.6	AP-CU-17-08-004	2017-08-25	Rev. 6
				616-00402 616-00403 (A1953)	361	83.6	S18-B0344	2018-04-19	N/A
A1708	MacBook Pro 13-inch	Li-ion Battery	Pouch	A1713	250.4	54.5	AP-CU-16-03-004	2016-03-02	Rev. 5
				A1713	243.8025	54.5	DS20151109UA502	2015-11-23	N/A
A1534	Macbook	Li-ion Battery	Pouch	A1705	207.1	41.41	AP-CU-15-06-023	2015-06-24	Rev. 5
A1707	Macbook Pro 15 Retina	Li-ion Battery	Pouch	1820	345.8	76	AP-CU-16-07-004	2016-07-12	Rev. 5
A2199	iPad 7th Gen	Li-ion Battery	Pouch	A1484	167.9	32.9	AP-CU-16-08-011	2016-08-24	Rev. 5

Model Number	Description	Battery Type	Battery Description	Battery Model #	Battery Weight - Mass (g)	WH Rating In Volts	Test Report #	Test Report Date	UN Revision & Amendment
A2198	iPad 7th Gen	Li-ion Battery	Pouch	A1484	167.9	32.9	AP-CU-16-08-011	2016-08-24	Rev. 5
A2200	iPad 7th Gen	Li-ion Battery	Pouch	A1484	167.9	32.9	AP-CU-16-08-011	2016-08-24	Rev. 5
A2197	iPad 7th Gen	Li-ion Battery	Pouch	A1484	167.9	32.9	AP-CU-16-08-011	2016-08-24	Rev. 5
A1893	iPad Mar 18	Li-ion Battery	Pouch	A1484	167.9	32.9	AP-CU-16-08-011	2016-08-24	Rev. 5
A1954	iPad Mar 18	Li-ion Battery	Pouch	A1484	167.9	32.9	AP-CU-16-08-011	2016-08-24	Rev. 5
A1822	iPad Mar 17	Li-ion Battery	Pouch	A1484	167.9	32.9	AP-CU-16-08-011	2016-08-24	Rev. 5
A1823	iPad Mar 17	Li-ion Battery	Pouch	A1484	167.9	32.9	AP-CU-16-08-011	2016-08-24	Rev. 5
A1938	Music Accy AB	Li-ion Battery	Pouch	A1596	6.9	1.52	AP-CU-15-06-015	2015-06-20	Rev. 5
CMCC-A2222		Lithium ion battery	battery	616-00641	45.333	11.91	S-19020037A1	2019-07-10	Rev.6
				616-00640	44.718	11.91	S-19020060A1	2019-07-10	Rev.6
				616-00642	45.589	11.91	S-19020111A0	2019-03-14	Rev.6
NA-A2111		Lithium ion battery	battery	616-00641	45.333	11.91	S-19020037A1	2019-07-10	Rev.6
				616-00640	44.718	11.91	S-19020060A1	2019-07-10	Rev.6
				616-00642	45.589	11.91	S-19020111A0	2019-03-14	Rev.6
ROW-A2221		Lithium ion battery	battery	616-00641	45.333	11.91	S-19020037A1	2019-07-10	Rev.6
				616-00640	44.718	11.91	S-19020060A1	2019-07-10	Rev.6
				616-00642	45.589	11.91	S-19020111A0	2019-03-14	Rev.6
A1979	iPad Pro WLAN + Cellular 11-inch 3rd Gen	Lithium ion battery	battery	A2042	129.2	29.72	S-17120029	2017-12-21	Rev.6
A1934	iPad Pro 10	Lithium ion battery	battery	A2042	129.2	29.72	S-17120029	2017-12-21	Rev.6
A2013	iPad Pro 10	Lithium ion battery	battery	A2042	129.2	29.72	S-17120029	2017-12-21	Rev.6
A1980	iPad Pro 10	Lithium ion battery	battery	A2042	129.2	29.72	S-17120029	2017-12-21	Rev.6
CMCC-A2216		Lithium ion battery	battery	616-00660	47	11.67	S19-B0464-1	2019-06-20	N/A
NA-2160		Lithium ion battery	battery	616-00660	47	11.67	S19-B0464-1	2019-06-20	N/A
ROW-A2215		Lithium ion battery	battery	616-00660	47	11.67	S19-B0464-1	2019-06-20	N/A
A1802	Apple Watch Series 1 38mm	Li-ion Polymer Battery	Pouch	A1681	3.974	0.84	DS20150408UA2513	2015-04-24	N/A
A1784	iPhone 7 Plus	Lithium ion battery	battery	616-00253	41.785	11.1	S-16070074	2016-07-19	Rev.5 Amend.2
				616-00252	41.438	11.1	S-16070076	2016-07-19	Rev.5 Amend.2
				616-00251	41.52	11.1	DS20160601U04	2016-06-16	N/A
A1785	iPhone 7 Plus	Lithium ion battery	battery	616-00253	41.785	11.1	S-16070074	2016-07-19	Rev.5 Amend.2
				616-00252	41.438	11.1	S-16070076	2016-07-19	Rev.5 Amend.2
				616-00251	41.52	11.1	DS20160601U04	2016-06-16	N/A
A1661	iPhone 7 Plus Product Red Special Edition	Lithium ion battery	battery	616-00253	41.785	11.1	S-16070074	2016-07-19	Rev.5 Amend.2
				616-00252	41.438	11.1	S-16070076	2016-07-19	Rev.5 Amend.2
				616-00251	41.52	11.1	DS20160601U04	2016-06-16	N/A

Model Number	Description	Battery Type	Battery Description	Battery Model #	Battery Weight - Mass (g)	WH Rating In Volts	Test Report #	Test Report Date	UN Revision & Amendment
A1699	iPhone 6s Plus	Li-ion Polymer Battery	Pouch	616-00042	39.928	10.5	DS20141011UA501	2014-10-27	N/A
A1690	iPhone 6s Plus	Li-ion Polymer Battery	Pouch	616-00042	39.928	10.5	DS20141011UA501	2014-10-27	N/A
A1687	iPhone 6s Plus	Li-ion Polymer Battery	Pouch	616-00042	39.928	10.5	DS20141011UA501	2014-10-27	N/A
A1634	iPhone 6s Plus	Li-ion Polymer Battery	Pouch	616-00042	39.928	10.5	DS20141011UA501	2014-10-27	N/A
A1803	Apple Watch Series 1 42mm	Li-ion Polymer Battery	Pouch	A1579	4.455	0.93	DS20140716UA502	2014-07-29	N/A
A1724	iPhone SE	Li-ion Battery With single cell	Pouch	616-00319	25	6.21	68-280-17-285-01	2017-07-12	Rev. 6
				616-00320	25	6.21	68-280-17-246-01	2017-07-03	Rev. 6
				616-00107	24.5574	6.21	DS20160705Z02	2016-07-07	N/A
A1723	iPhone SE	Li-ion Battery With single cell	Pouch	616-00319	25	6.21	68-280-17-285-01	2017-07-12	Rev. 6
				616-00320	25	6.21	68-280-17-246-01	2017-07-03	Rev. 6
				616-00107	24.5574	6.21	DS20160705Z02	2016-07-07	N/A
A1662	iPhone SE	Li-ion Battery With single cell	Pouch	616-00319	25	6.21	68-280-17-285-01	2017-07-12	Rev. 6
				616-00320	25	6.21	68-280-17-246-01	2017-07-03	Rev. 6
				616-00107	24.5574	6.21	DS20160705Z02	2016-07-07	N/A
A2125	iPad Mini 5	Li-ion	Pouch	616-00543 (A2114)	96.5	19.32	S18-B1137-1	2018-11-28	N/A
A2124	iPad Mini 5	Li-ion	Pouch	616-00543 (A2114)	96.5	19.32	S18-B1137-1	2018-11-28	N/A
A2126	iPad Mini Wi-Fi + Cellular	Li-ion	Pouch	616-00543 (A2114)	96.5	19.32	S18-B1137-1	2018-11-28	N/A
A2133	iPad Mini 5	Li-ion	Pouch	616-00543 (A2114)	96.5	19.32	S18-B1137-1	2018-11-28	N/A
A2159	Macbook Pro 13.3 inch	Li-ion Battery	Pouch	A2171	241.37	58.2	S18-B1129-1	2018-11-13	N/A
A2156(ROW)		Rechargeable Li-ion Battery	Pouch	616-00666	4.505	0.94	S19-B0699-1	2019-07-09	N/A
				616-00667	4.505	0.94	S19-B0699-1	2019-07-09	N/A
A2094(NA)		Rechargeable Li-ion Battery	Pouch	616-00666	4.505	0.94	S19-B0699-1	2019-07-09	N/A
				616-00667	4.505	0.94	S19-B0699-1	2019-07-09	N/A
A2092	Apple Watch Series 5 40	Rechargeable Li-ion Battery	Pouch	616-00666	4.505	0.94	S19-B0699-1	2019-07-09	N/A
				616-00667	4.505	0.94	S19-B0699-1	2019-07-09	N/A
A2007(row)		Li-ion Battery	Pouch	A2058	3.7258	0.858	S18-B0715-1	2018-07-19	N/A
A1975(na)		Li-ion Battery	Pouch	A2058	3.7258	0.858	S18-B0715-1	2018-07-19	N/A
A1977	Apple Watch Series 4 40	Li-ion Battery	Pouch	A2058	3.7258	0.858	S18-B0715-1	2018-07-19	N/A
A1978	Apple Watch Series 4 44	Li-ion Battery	Pouch	A2059	4.783	1.113	S18-B0716-1	2018-07-11	N/A
				A2058	3.7258	0.858	S18-B0715-1	2018-07-19	N/A
A2008(row)		Li-ion Battery	Pouch	A2059	4.783	1.113	S18-B0716-1	2018-07-11	N/A
				A2058	3.7258	0.858	S18-B0715-1	2018-07-19	N/A
A1976(na)		Li-ion Battery	Pouch	A2059	4.783	1.113	S18-B0716-1	2018-07-11	N/A
				A2058	3.7258	0.858	S18-B0715-1	2018-07-19	N/A
A1925(CMCC)		Li-ion Battery	Pouch	A1848	4.6239	1.07	S17-B0033	2017-02-17	N/A
A1890(CU)		Li-ion Battery	Pouch	A1848	4.6239	1.07	S17-B0033	2017-02-17	N/A

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A1889(EU)		Li-ion Battery	Pouch	A1848	4.6239	1.07	S17-B0033	2017-02-17	N/A
A1860(NA)		Li-ion Battery	Pouch	A1848	4.6239	1.07	S17-B0033	2017-02-17	N/A
A1926(CMCC)		Li-ion Battery	Pouch	A1850	5.6406	1.34	S17-B0032	2017-02-17	N/A
A1892(CU)		Li-ion Battery	Pouch	A1850	5.6406	1.34	S17-B0032	2017-02-17	N/A
A1891(EU)		Li-ion Battery	Pouch	A1850	5.6406	1.34	S17-B0032	2017-02-17	N/A
A1861(NA)		Li-ion Battery	Pouch	A1850	5.6406	1.34	S17-B0032	2017-02-17	N/A
A1983	iPad Pro WLAN + Cellular 13-inch 3rd Gen	Lithium ion battery	battery	A2043	166.44	37.04	S-18030145	2018-04-10	Rev.6
A1895	iPad Pro	Lithium ion battery	battery	A2043	166.44	37.04	S-18030145	2018-04-10	Rev.6
A2014	iPad Pro Wi-Fi + Cellular 13-inch 3rd Gen	Lithium ion battery	battery	A2043	166.44	37.04	S-18030145	2018-04-10	Rev.6
A1876	iPad Pro	Lithium ion battery	battery	A2043	166.44	37.04	S-18030145	2018-04-10	Rev.6
A1852	iPad Pro 10.5-inch Wi-Fi + Cellular	Lithium ion battery	battery	A1798	133.38	30.8	S-16100005	2016-10-09	Rev.5 Amend.2
A1709	iPad Pro 10	Lithium ion battery	battery	A1798	133.38	30.8	S-16100005	2016-10-09	Rev.5 Amend.2
A1701	iPad Pro 10	Lithium ion battery	battery	A1798	133.38	30.8	S-16100005	2016-10-09	Rev.5 Amend.2
A1821	iPad Pro 12.9-inch Wi-Fi + Cellular	Lithium ion battery	battery	A1754	189.73	41.4	S-16090096	2016-10-24	Rev.5 Amend.2
A1671	iPad Pro	Lithium ion battery	battery	A1754	189.73	41.4	S-16090096	2016-10-24	Rev.5 Amend.2
A1670	iPad Pro	Lithium ion battery	battery	A1754	189.73	41.4	S-16090096	2016-10-24	Rev.5 Amend.2
A1858	Apple Watch Series 2	Li-ion Battery	Pouch	A1847	4.2675	1	DS20161201U01	2016-12-08	N/A
A1859	Apple Watch Series 2	Li-ion Battery	Pouch	A1875	5.2932	1.31	DS20161212U01	2016-12-28	N/A
A1817	Apple Watch Series 2 42mm	Li-ion Battery	Pouch	A1761	5.465	1.27	DS20160513U02	2016-05-25	N/A
A1816	Apple Watch Series 2 38mm	Li-ion Battery	Pouch	A1760	4.613	1.03	DS20160510U02	2016-05-23	N/A
A1757	Apple Watch Series 2 38mm	Li-ion Battery	Pouch	A1760	4.613	1.03	DS20160510U02	2016-05-23	N/A
A1758	Apple Watch Series 2 42mm	Li-ion Battery	Pouch	A1761	5.465	1.27	DS20160513U02	2016-05-25	N/A
A2154	iPad Air 3	Lithium ion battery	battery	A2134	138.936	30.8	S-18110185	2018-12-12	Rev.6
				A2135	11.962	1.98	S-18100163A1	2019-07-24	Rev.6
A2123	iPad Air 3	Lithium ion battery	battery	A2134	138.936	30.8	S-18110185	2018-12-12	Rev.6

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				A2135	11.962	1.98	S-18100163A1	2019-07-24	Rev.6
A2153	iPad Air Wi-Fi + Cellular	Lithium ion battery	battery	A2134	138.936	30.8	S-18110185	2018-12-12	Rev.6
				A2135	11.962	1.98	S-18100163A1	2019-07-24	Rev.6
A2152	iPad Air 3	Lithium ion battery	battery	A2134	138.936	30.8	S-18110185	2018-12-12	Rev.6
				A2135	11.962	1.98	S-18100163A1	2019-07-24	Rev.6