



Battery Test Summary

Milwaukee Tool hereby certifies that its rechargeable lithium ion batteries have been tested to, and are compliant with, relevant battery test requirements as described in the UN *Manual of Tests and Criteria* (Sixth Revised Edition), Amendment 1, Part III, sub-section 38.3. The following lithium ion batteries are acceptable for transport when shipped in compliance with DOT, TDG, ADR, RID, IATA, ICAO, and IMDG regulations, among others.

List of Tests Completed		
Tested		Pass / Fail
X	T.1: Altitude Simulation	P
X	T.2: Thermal Test	P
X	T.3: Vibration	P
X	T.4: Shock	P
X	T.5: External Short Circuit	P
N/A	T.6: Impact (cells only)	N/A
X	T.7: Overcharge	P
N/A	T.8: Forced Discharge (cells only)	N/A

Complete UN test documentation for the Lithium ion batteries indicated on the next page is maintained on file at the Milwaukee Tool headquarters in Brookfield, Wisconsin, USA. For additional information contact Milwaukee Tool at 1(800) SAWDUST (1-800-729-3878) or the undersigned.

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Date

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2019-12-19
Date

Milwaukee Lithium Ion Battery Packs for use with tools and equipment

Lithium Ion Battery Model Number	Rating (Ah, Wh)	Test Date(s)	Description
48-11-2130 USB Battery 2.5	2.5Ah, 10Wh	2017-11-01	Black, 1 cell in 1S/1P configuration 74 x 21 (cylindrical), Wt. 55g
48-11-2001 M4 2.0	2.0Ah, 8Wh	2017-12-14	Red with Black base, 1 cell in 1S/1P configuration 75 x 28 (cylindrical), Base: 18 x 36; Wt. 71g
48-11-2460 M12 XC 6.0	6.0Ah, 64.8Wh	2018-06-19 2017-03-23	Black & Red, 6 cells in 3S/2P configuration 111 x 66 x 87; Wt. 406g
48-11-2440 M12 XC 4.0	4.0Ah, 43Wh	2017-12-22 2017-03-14	Black & Red, 6 cells in 3S/2P configuration 111 x 66 x 87; Wt. 406g
48-11-2402 M12 XC 3.0	3.0Ah, 32.4Wh	2017-03-29 2017-03-29	Black & Red, 6 cells in 3S/2P configuration 111 x 66 x 87; Wt. 401g
48-11-2430 M12 CP 3.0	3.0Ah, 36Wh	2018-06-19 2017-03-23	Black & Red, 3 cells in 3S/1P configuration 85 x 47 x 48; Wt. 188g
48-11-2420 M12 CP 2.0	2.0Ah, 21.6Wh	2018-07-13 2018-07-13 2017-12-14 2017-03-14	Black & Red, 3 cells in 3S/1P configuration 85 x 47 x 48; Wt. 183g
48-11-2401 M12 CP 1.5	1.5Ah, 16.2Wh	2018-07-13 2018-07-04	Black & Red, 3 cells in 3S/1P configuration 85 x 47 x 48; Wt. 180g
48-11-1812 M18 HO HD 12.0	12.0Ah, 216Wh	2018-02-05	Black, 15 cells in 5S/3P configuration 98 x 85 x 152; Wt. 1528g
48-11-1890 M18 HD 9.0	9.0Ah, 162Wh	2018-06-19 2017-07-25	Black, 15 cells in 5S/3P configuration 88 x 79 x 133; Wt. 1076g
48-11-1880 M18 HO 8.0	8.0Ah, 144Wh	2019-01-07	Black, 10 cells in 5S/2P configuration 81 x 84 x 138; Wt. 1067g
48-11-1865 M18 HO 6.0	6.0Ah, 108Wh	2018-12-27	Black, 10 cells in 5S/2P configuration 81 x 84 x 138; Wt. 1067g
48-11-1860 M18 XC 6.0	6.0Ah, 108Wh	2017-04-24 2018-06-19	Black, 10 cells in 5S/2P configuration 73 x 78 x 117; Wt. 751g
48-11-1850 M18 XC 5.0	5.0Ah, 90Wh	2018-11-29 2018-11-29 2018-11-29	Black, 10 cells in 5S/2P configuration 73 x 78 x 117; Wt. 726g
48-11-1840 M18 XC 4.0	4.0Ah, 72Wh	2018-01-08 2017-12-22 2017-03-27 2017-03-23	Black, 10 cells in 5S/2P configuration 73 x 78 x 117; Wt. 715g
48-11-1828 M18 XC 3.0	3.0Ah, 54Wh	2018-05-23 2017-03-27 2017-03-27	Black, 10 cells in 5S/2P configuration 73 x 78 x 117; Wt. 699g
48-11-1835 M18 HO CP 3.0	3.0Ah, 54Wh	2019-01-30	Black, 5 cells in 5S/1P configuration 58 x 83 x 134; Wt. 607g
48-11-1820 M18 CP 2.0	2.0Ah, 36Wh	2017-12-14 2017-03-27 2017-03-23	Black, 5 cells in 5S/1P configuration 54 x 78 x 118; Wt. 430g
48-11-1815 M18 CP 1.5	1.5Ah, 27Wh	2018-05-08 2017-03-27	Black, 5 cells in 5S/1P configuration 54 x 78 x 118; Wt. 424g
48-11-2830 M28 3.0	3.0Ah, 76Wh	2017-04-24	Black, 14 cells in 7S/2P configuration 81 x 82 x 133; Wt. 998g
MXF CP 203	3.0Ah, 216Wh	2018-05-14	Black, 20 cells in 20S/1P configuration 1050 x 1000 x 2700; Wt. 2720g
MXF XC 406	6.0Ah, 432Wh	2018-11-12	Black, 40 cells in 20S/2P configuration 1050 x 1810 x 2700; Wt. 4820g