



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 latest revision of the UN *Manual of Tests and Criteria*. 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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Lithium-Ion Battery Model Number and description	International / Alternate Model Number	Rating (Ah, Wh)	Description
2013R Task Light	IR FFL, IR TL500	2.22Ah 8.5Wh	Magnetic light Internal cell
48-11-2130 USB Battery 2.5Ah	L4 B2	2.5Ah, 10Wh	Black, 1 cell in 1S/1P configuration 74 x 21 (cylindrical), Wt. 55g
48-11-2131 USB Battery 3.0Ah	L4 B3	3.0Ah, 12Wh	Black, 1 cell in 1S/1P configuration 74 x 21 (cylindrical), Wt. 55g
48-11-2001 M4 2.0 Ah	M4 B2	2.0Ah, 8Wh	Red with Black base, 1 cell in 1S/1P configuration 75 x 28 (cylindrical), Base: 18 x 36; Wt. 71g
48-11-2320 Mini Flat Pack	IRMPSU2	2.0Ah, 14.8Wh	(LxWxD) 85.0mm x 57.8mm x 20.25
48-11-2330 Heated Gear Flat Pack	IRPSU3	3Ah, 36Wh	(L x W x H) 115.2x88.7x16.5mm
48-11-2460 M12 XC 6.0 Ah	M12 B6, 48-11-2859, 48-11-6258	6.0Ah, 64.8Wh	Black & Red, 6 cells in 3S/2P configuration 111 x 66 x 87; Wt. 406g
48-11-2450 M12 XC 5.0 Ah	M12 HB5	5.0Ah 60Wh	Black & Red, 6 cells in 3S/2P configuration 111 x 66 x 87; Wt. 406g
48-11-2440 M12 XC 4.0 Ah	M12 B4, 48-11-2759	4.0Ah, 43Wh	Black & Red, 6 cells in 3S/2P configuration 111 x 66 x 87; Wt. 406g
48-11-2402 M12 XC 3.0 Ah	M12 BX, 48-11-2559, Li12BX, 0700913630, 0700956331	3.0Ah, 32.4Wh	Black & Red, 6 cells in 3S/2P configuration 111 x 66 x 87; Wt. 401g
48-11-2430 M12 CP 3.0 Ah	M12 B3 48-11-2359	3.0Ah, 36Wh	Black & Red, 3 cells in 3S/1P configuration 85 x 47 x 48; Wt. 188g
48-11-2425 M12 CP 2.5 Ah	M12 HB2.5	2.5Ah 30Wh	Black & Red, 3 cells in 3S/1P configuration 85 x 47 x 48; Wt. 183g
48-11-2420 M12 CP 2.0 Ah	M12 B2 48-11-2659	2.0Ah, 21.6Wh	Black & Red, 3 cells in 3S/1P configuration 85 x 47 x 48; Wt. 183g
48-11-2401 M12 CP 1.5 Ah	M12 B, 48-11-2459, M12 B Asia, 0700913615, 4932445707	1.5Ah, 16.2Wh	Black & Red, 3 cells in 3S/1P configuration 85 x 47 x 48; Wt. 180g
130562001DG9C	130562001DG9C	20Ah, 360Wh	Black & Red, 3 cells in 5S/5P configuration 2540g
48-11-1812 M18 HO HD 12.0 Ah	M18 HB 12	12.0Ah, 216Wh	Black, 15 cells in 5S/3P configuration 98 x 85 x 152; Wt. 1528g
48-11-1813 M18 FORGE 12.0Ah	M18 FB12	12.0Ah, 216Wh	Black, 15 cells in 5S/3P configuration Wt. 1437g
48-11-1890 M18 HD 9.0 Ah	M18 HB 9, 48-11-2959, 50-11-1890, 50-11-1891, 9089235, 340661	9.0Ah, 162Wh	Black, 15 cells in 5S/3P configuration 88 x 79 x 133; Wt. 1076g
48-11-1880 M18 HB 8.0 Ah	M18 HB 8, 130471001DG9, 130471002DG9	8.0Ah, 144Wh	Black, 10 cells in 5S/2P configuration 81 x 84 x 138; Wt. 1067g
48-11-1881 M18 FORGE 8.0Ah	M18 FB8	8.0Ah 144Wh	Black, 10 cells in 5S/2P configuration Wt. 1040g
48-11-1865 M18 HO 6.0 Ah	M18 HB 6, M18 HB 5.5	6.0Ah, 108Wh	Black, 10 cells in 5S/2P configuration 81 x 84 x 138; Wt. 1067g
48-11-1861 M18 FORGE 6.0Ah	M18 FB6, M18 FB5.5	6.0Ah, 108Wh	Black, 10 cells in 5S/2P configuration 79 x 83 x 126; Wt. 937g
48-11-1860 M18 XC 6.0 Ah	M18 B6, 48-11-3059, 50-11-1861	6.0Ah, 108Wh	Black, 10 cells in 5S/2P configuration 73 x 78 x 117; Wt. 751g
48-11-1850 M18 XC 5.0 Ah	M18 B5, 48-11-2259, 48-11-1850R, M18CB5, M18B5-CR, BBP 18V 9079202, 241915, CBA TR18HD5, 0700913734, Li 18B5	5.0Ah, 90Wh	Black, 10 cells in 5S/2P configuration 73 x 78 x 117; Wt. 726g
48-11-1840 M18 XC 4.0 Ah	M18 B4, 48-11-2159, Li 18 B4, 50-11-1842, 0700913732, 0700913740, 175187, 9048293, CBA TR 18 HD	4.0Ah, 72Wh	Black, 10 cells in 5S/2P configuration 73 x 78 x 117; Wt. 715g
48-11-1845 M18 HO CP 4.0 Ah	M18 HB 4, 50-11-1845, ANZ	4.0Ah, 72Wh	Black, 5 cells in 5S/1P configuration 58 x 83 x 134; Wt. 584g
48-11-1828 M18 XC 3.0 Ah	M18 BX, Li 18, Li 18 BX, 48-11-1959, 0700913730, 0700913731, 175185, 9048291	3.0Ah, 54Wh	Black, 10 cells in 5S/2P configuration 73 x 78 x 117; Wt. 699g
48-11-1835 M18 HO CP 3.0 Ah	M18 HB 3	3.0Ah, 54Wh	Black, 5 cells in 5S/1P configuration 58 x 83 x 134; Wt. 607g
48-11-1820 M18 CP 2.0 Ah	M18 B2, Li18 B2, 48-11-2059, 0700913733, 241914, 9079201	2.0Ah, 36Wh	Black, 5 cells in 5S/1P configuration 54 x 78 x 118; Wt. 430g
48-11-1815 M18 CP 1.5 Ah	M18 B, 48-11-1859, Li 18B, 982-2, 0700913715, Li18	1.5Ah, 27Wh	Black, 5 cells in 5S/1P configuration 54 x 78 x 118; Wt. 424g
48-11-2855 M28 5.0 Ah	M28 B5, 50-11-2855, 0700957731	5.0Ah, 140Wh	Black, 14 cells in 7S/2P configuration 81 x 82 x 133; Wt. 1023g
48-11-2830 M28 3.0 Ah	M28 BX, 50-11-2835, 0700957730, Li28M, CBA TR 28	3.0Ah, 84Wh	Black, 14 cells in 7S/2P configuration 81 x 82 x 133; Wt. 998g
MXF CP203 72V, 3Ah	CP203	3.0Ah, 216Wh	Black, 20 cells in 20S/1P configuration 105 x 1000 x 2700; Wt. 2720g
MXF XC406 72V, 6Ah	XC406	6.0Ah, 2 x 216Wh	Black, 40 cells in 20S/2P configuration 105 x 1810 x 2700; Wt. 4820g
MXF XC608 72V, 8Ah	XC608	80Ah, 576Wh	Black, 40 cells in 20S/2P configuration 105 x 1810 x 2700; Wt. 4820g
MXF HD812 72V, 12Ah	HD812	12.0Ah, 864Wh	Black, 60 cells in 20S/3P configuration Wt. 6040g
50-11-3300R	MRPS, 3300R	102V, 2500Wh	Black / red, cells in 28S/5P configuration NET Wt: 15.4Kg, lithium content: 5.92kg