



2023 Product Selection Guide

Impact Driver



Hammer Driver Drill
Driver Drill



Impact Wrench



XGT
40V Li-ION
max

18V
LITHIUM-ION



Index

Li-ion Battery & Charging Time	P.3	Cordless Oil-Pulse Driver	P.6-7
Cordless Hammer Driver Drill	P.4-5	Cordless 4 Mode Impact Driver	P.6-7
Cordless Driver Drill	P.4-5	Cordless Impact Wrench	P.8-9
Cordless Impact Driver	P.6-7	Cordless tools line up	P.10

Icon

Variable Speed	Electronic 2-Speed	Torque Setting 16	Constant Speed
Brake	Electronic 3-Speed	Torque Setting 20	Built-in Job Light
Reversing	Electronic 4-Speed	Torque Setting 21	Carrying Case
Mechanical 2-Speed	Keyless Chuck	Torque Setting 21/41	
Mechanical 3-Speed	Torque Setting 9	Clutch-equipped	

Product Feature

BL MOTOR Brushless Motor

- Maintenance-free due to no brush
- More work amount on a single full battery charge
- Life time work amount of a battery is increased
- Durable against long continuous operation

AFT Active Feedback sensing Technology

turns the motor off if bit rotation is suddenly forced to stop.

XPT Extreme Protection Technology

For use in outdoor applications or harsh environments, protection from dust and dripping water is enhanced compared with existing model.

Li-ion Battery & Charging Time Reference, Compatibility Chart



40Vmax		18V	Fast Charging DC40RA DC40RB*	DC40RC	DC40WA*	Fast Charging DC40RA DC40RB* ADP10 Compatible with LXT Li-Ion batteries	DC40RC + ADP10 Compatible with LXT Li-Ion batteries	Fast Charging DC18RC DC18RD* DC18RE**	DC18SF Except BL1430A	DC18SD DC18SH* DC18SE (Automotive)	DC18WC
XGT 40Vmax Lithium-ion	8.0Ah BL4080F	76min.	170min.	420min.	-	-	-	-	-	-	
	5.0Ah BL4050F	50min.	85min.	260min.	-	-	-	-	-	-	
	4.0Ah BL4040F BL4040	45min.	67min.	210min.	-	-	-	-	-	-	
	2.5Ah BL4025F BL4025	28min.	38min.	130min.	-	-	-	-	-	-	
	2.0Ah BL4020	22min.	30min.	110min.	-	-	-	-	-	-	
LXT 18V Lithium-ion	6.0Ah BL1860B	-	-	-	40min.	85min.	55min.	1 to 2 batteries 130 min.	3 to 4 batteries 260 min.	130min.	160min.
	5.0Ah BL1850B	-	-	-	35min.	70min.	45min.	110 min.	220 min.	110min.	135min.
	4.0Ah BL1840B	-	-	-	29min.	58min.	36min.	90 min.	180 min.	90min.	110min.
	3.0Ah BL1830B	-	-	-	22min.	42min.	22min.	60 min.	120 min.	60min.	80min.
	2.0Ah BL1820B	-	-	-	24min.	33min.	24min.	45 min.	90 min.	45min.	55min.
	1.5Ah BL1815N	-	-	-	15min.	22min.	15min.	30 min.	60 min.	30min.	40min.

*DC40RB / DC40WA / DC18RD / DC18SH: Two Port Multi Charger **DC18RE: CXT & LXT Dual port Fast Charger

Cordless Hammer Driver Drill / Cordless Driver Drill

		Hard		Soft	
		High			
XGT BL MOTOR Brushless Motor		LXT BL MOTOR Brushless Motor		Brushed Motor	
40V max HP001G DF001G XGT BL MOTOR AFT XPT	140 N·m 68 N·m	18V DHP486 DDF486 LXT BL MOTOR XPT	130 N·m 65 N·m	18V DHP458 DDF458 LXT XPT	91 N·m 58 N·m
40V max HP002G DF002G XGT BL MOTOR XPT	64 N·m 30 N·m	18V DHP489 DDF489 LXT BL MOTOR XPT	70 N·m 36 N·m	18V DHP451 DDF451 LXT	80 N·m 40 N·m
		18V DHP484 DDF484 LXT BL MOTOR XPT	54 N·m 30 N·m	18V DHP482 DDF482 LXT XPT	62 N·m 36 N·m
		18V DHP485 DDF485 LXT BL MOTOR XPT	50 N·m 27 N·m		
		18V DHP487 DDF487 LXT BL MOTOR XPT	40 N·m 25 N·m	18V DHP453 DDF453 LXT	42 N·m 27 N·m
		18V DDF083 LXT BL MOTOR XPT	40 N·m 23 N·m		
				Low	
Max Fastening Torque (N·m)					

Specification

40V max

HP001G / DFO01G

XGT BL MOTOR AFT XPT



40V max

HP002G / DFO02G

XGT BL MOTOR XPT



18V

DHP486 / DDF486

LXT BL MOTOR XPT



Capacity	Masonry: 20 mm (13/16")* / Steel: 20 mm (13/16") Wood (Self-Feed Bit): 76 mm (3")	Masonry: 13 mm (1/2")* / Steel: 13 mm (1/2") Wood (Self-Feed Bit): 38 mm (1-1/2")	Masonry: 16 mm (5/8")* / Steel: 13 mm (1/2") Wood (Self-Feed Bit): 76 mm (3")
Chuck Capacity	1.5 - 13 mm (1/16 - 1/2")	1.5 - 13 mm (1/16 - 1/2")	1.5 - 13 mm (1/16 - 1/2")
Impacts Per Minute (IPM)	High: 0 - 39,000 / Low: 0 - 9,750*	High: 0 - 33,000 / Low: 0 - 9,000*	High: 0 - 31,500 / Low: 0 - 8,250*
No Load Speed (RPM)	High: 0 - 2,600 / Low: 0 - 650	High: 0 - 2,200 / Low: 0 - 600	High: 0 - 2,100 / Low: 0 - 550
Max Fastening Torque	Hard / Soft: 140 / 68 N-m (1,240 / 600 in.lbs.)	Hard / Soft: 64 / 30 N-m (570 / 270 in.lbs.)	Hard / Soft: 130 / 65 N-m (1,150 / 580 in.lbs.)
Max Lock Torque	125 N-m (1,100 in.lbs.)	65 N-m (580 in.lbs.)	125 N-m (1,100 in.lbs.)
Dimensions (L x W x H)	w/ BL4020 / BL4025: HP001G: 182 x 86 x 275 mm (7-1/8 x 3-3/8 x 10-7/8") DFO01G: 181 x 86 x 275 mm (7-1/8 x 3-3/8 x 10-7/8")	w/ BL4020 / BL4025: HP002G: 174 x 86 x 265 mm (6-7/8 x 3-3/8 x 10-3/8") DFO02G: 164 x 86 x 265 mm (6-1/2 x 3-3/8 x 10-3/8")	w/ BL1830B / BL1840B / BL1850B / BL1860B: DHP486: 2.3 - 2.7 kg (5.1 - 6.0 lbs.) DDF486: 2.3 - 2.6 kg (5.1 - 5.7 lbs.)
Net weight	HP001G: 2.7 - 3.0 kg (6.0 - 6.6 lbs.) DFO01G: 2.7 - 3.0 kg (5.9 - 6.6 lbs.)	HP002G: 2.0 - 2.6 kg (4.4 - 5.7 lbs.) DFO02G: 1.9 - 2.5 kg (4.2 - 5.5 lbs.)	



18V

DHP489 / DDF489

LXT BL MOTOR XPT



18V

DHP458 / DDF458

LXT XPT



18V

DHP451 / DDF451

LXT



Capacity	Masonry: 16 mm (5/8")* / Steel: 13 mm (1/2") Wood (Self-feed bit): 51 mm (2")	Masonry: 16 mm (5/8")* / Steel: 13 mm (1/2") Wood: 76 mm (3") / Wood (Self-Feed Bit): 92 mm (3-5/8")	Masonry: 16 mm (5/8")* / Steel: 13 mm (1/2") Wood: 65 mm (2-9/16") / Wood (Self-Feed Bit): 65 mm (2-9/16")
Chuck Capacity	1.5 - 13 mm (1/16 - 1/2")	1.5 - 13 mm (1/16 - 1/2")	1.5 - 13 mm (1/16 - 1/2")
Impacts Per Minute (IPM)	High: 0 - 27,000 / Low: 0 - 8,250*	High: 0 - 30,000 / Low: 0 - 6,000*	3rd: 0 - 25,500 / 2nd: 0 - 9,000 / 1st: 0 - 4,500*
No Load Speed (RPM)	High: 0 - 1,800 / Low: 0 - 550	High: 0 - 2,000 / Low: 0 - 400	3rd: 0 - 1,700 / 2nd: 0 - 600 / 1st: 0 - 300
Max Fastening Torque	Hard: 70 N-m (620 in.lbs.) / Soft: 36 N-m (320 in.lbs.)	Hard / Soft: 91 / 58 N-m	Hard / Soft: 80 / 40 N-m
Max Lock Torque	110 N-m (970 in.lbs.)	84 N-m (750 in.lbs.)	63 N-m (560 in.lbs.)
Dimensions (L x W x H)	DHP489: 175 x 81 x 261 mm (6-7/8 x 3-3/16 x 10-1/4") DDF489: 174 x 81 x 261 mm (6-7/8 x 3-3/16 x 10-1/4")	225 x 79 x 259 mm (8-7/8 x 3-1/8 x 10-1/4")	DHP451: 250 x 78 x 257 mm (9-7/8 x 3-1/16 x 10-1/8") DDF451: 238 x 78 x 257 mm (9-3/8 x 3-1/16 x 10-1/8")
Net weight	DHP489: 1.9 - 2.5 kg (4.2 - 5.5 lbs.) DDF489: 1.8 - 2.4 kg (4.0 - 5.3 lbs.)	DHP458: 2.2 - 2.6 kg (4.9 - 5.7 lbs.) DDF458: 2.1 - 2.5 kg (4.7 - 5.4 lbs.)	DHP451: 2.5 - 2.9 kg (5.6 - 6.3 lbs.) DDF451: 2.3 - 2.6 kg (5 - 5.7 lbs.)



18V

DHP482 / DDF482

LXT XPT



18V

DHP484 / DDF484

LXT BL MOTOR XPT



18V

DHP485 / DDF485

LXT BL MOTOR XPT



Capacity	Masonry: 13 mm (1/2")* / Steel: 13 mm (1/2") Wood: 38 mm (1-1/2") / Wood (Self-Feed Bit): 60 mm (2-3/8")	Masonry: 13 mm (1/2")* / Steel: 13 mm (1/2") Wood: 38 mm (1-1/2") / Wood (Self-Feed Bit): 76 mm (3")	Masonry: 13 mm (1/2")* / Steel: 13 mm (1/2") Wood: 38 mm (1-1/2") / Wood (Self-Feed Bit): 76 mm (3")
Chuck Capacity	1.5 - 13 mm (1/16 - 1/2")	1.5 - 13 mm (1/16 - 1/2")	1.5 - 13 mm (1/16 - 1/2")
Impacts Per Minute (IPM)	High: 0 - 28,500 / Low: 0 - 9,000*	High: 0 - 30,000 / Low: 0 - 7,500*	High: 0 - 28,500 / Low: 0 - 7,500*
No Load Speed (RPM)	High: 0 - 1,900 / Low: 0 - 600	High: 0 - 2,000 / Low: 0 - 500	High: 0 - 1,900 / Low: 0 - 500
Max Fastening Torque	Hard / Soft: 62 / 36 N-m (550 / 320 in.lbs.)	Hard / Soft: 54 / 30 N-m (480 / 270 in.lbs.)	Hard / Soft: 50 / 27 N-m (440 / 240 in.lbs.)
Max Lock Torque	54 N-m (480 in.lbs.)	60 N-m (530 in.lbs.)	50 N-m (440 in.lbs.)
Dimensions (L x W x H)	DHP482: 198 x 79 x 249 mm (7-3/4 x 3-1/8 x 9-3/4") DDF482: 185 x 79 x 249 mm (7-1/4 x 3-1/8 x 9-3/4")	DHP484: 182 x 79 x 261 mm (7-1/8 x 3-1/8 x 10-1/4") DDF484: 172 x 79 x 261 mm (6-3/4 x 3-1/8 x 10-1/4")	w/ BL1830B / BL1840B / BL1850B / BL1860B: DHP485: 182 x 79 x 255 mm (7-1/8 x 3-1/8 x 10") DDF485: 169 x 79 x 255 mm (7-1/8 x 3-1/8 x 10")
Net weight	DHP482: 1.5 - 1.8 kg (3.4 - 4.1 lbs.) DDF482: 1.5 - 1.8 kg (3.2 - 4 lbs.)	DHP484: 1.6 - 1.9 kg (3.5 - 4.2 lbs.) DDF484: 1.5 - 1.8 kg (3.3 - 4 lbs.)	DHP485: 1.5 - 1.8 kg (3.2 - 3.9 lbs.) DDF485: 1.4 - 1.7 kg (3.1 - 3.8 lbs.)



18V

DHP453 / DDF453

LXT



18V

DHP487 / DDF487

LXT BL MOTOR XPT



18V

DDF083

LXT BL MOTOR XPT

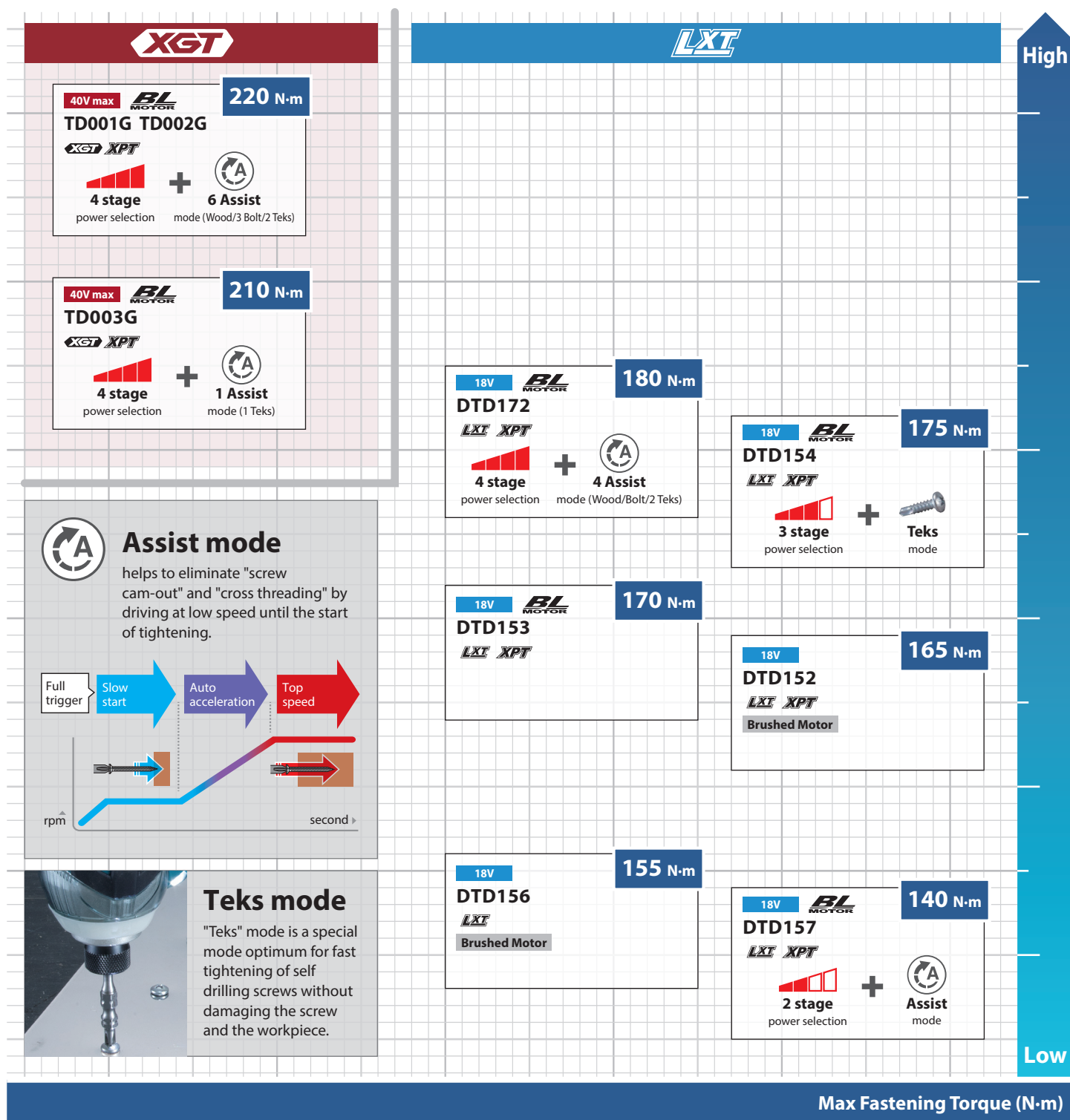


Capacity	Masonry: 13 mm (1/2")* / Steel: 13 mm (1/2") Wood: 36 mm (1-7/16") / Wood (Self-Feed Bit): 72 mm (2-13/16")	Masonry: 13 mm (1/2")* / Steel: 13 mm (1/2") Wood (Self-Feed Bit): 35 mm (1-3/8")	Steel: 13 mm (1/2") / Wood: 36 mm (1-7/16") Wood (Self-Feed Bit): 72 mm (2-13/16")
Chuck Capacity	1.5 - 13 mm (1/16 - 1/2")	1.5 - 13 mm (1/16 - 1/2")	6.35 mm (1/4")
Impacts Per Minute (IPM)	High: 0 - 19,500 / Low: 0 - 6,000*	High: 0 - 25,500 / Low: 0 - 7,500*	-
No Load Speed (RPM)	High: 0 - 1,300 / Low: 0 - 400	High: 0 - 1,700 / Low: 0 - 500	High: 0 - 1,700 / Low: 0 - 500
Max Fastening Torque	Hard / Soft: 42 / 27 N-m	Hard / Soft: 40 / 25 N-m (350 / 220 in.lbs.)	Hard / Soft: 40 / 23 N-m (350 / 210 in.lbs.)
Max Lock Torque	38 N-m (340 in.lbs.)	40 N-m (350 in.lbs.)	40 N-m (350 in.lbs.)
Dimensions (L x W x H)	DHP453: 240 x 79 x 244 mm (9-7/16 x 3-1/8 x 9-5/8") DDF453: 222 x 79 x 244 mm (8-3/4 x 3-1/8 x 9-5/8")	w/ BL1830B / BL1840B / BL1850B / BL1860B: DHP487: 164 x 81 x 248 mm (6-1/2 x 3-3/16 x 9-3/4") DDF487: 150 x 81 x 248 mm (5-7/8 x 3-3/16 x 9-3/4")	124 x 79 x 247 mm (4-7/8 x 3-1/8 x 9-3/4")
Net weight	DHP453: 1.7 - 2 kg (3.6 - 4.4 lbs.) DDF453: 1.7 - 2 kg (3.7 - 4.4 lbs.)	DHP487: 1.4 - 1.7 kg (3.1 - 3.7 lbs.) DDF487: 1.3 - 1.6 kg (2.9 - 3.5 lbs.)	1.1 - 1.4 kg (2.4 - 3 lbs.)

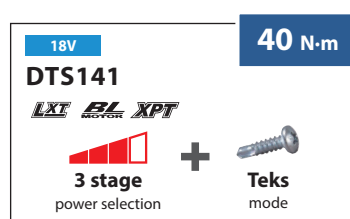


*Cordless Hammer Driver Drill only

Cordless Impact Driver



Cordless Oil-Pulse Driver

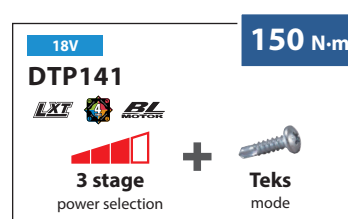


**SOFT
IMPACT**

Low Noise 77dB

Suitable for noise sensitive job site

Cordless 4 Mode Impact Driver



4 Operation modes

- Impact driver
- Hammer drill
- Drill
- Screwdriver

Specification

40V max
TD001G

XGT BL MOTOR XPT



40V max
TD002G

XGT BL MOTOR XPT



40V max
TD003G

XGT BL MOTOR XPT



Capacity	Machine Screw: M4 - M8 (5/32 - 5/16") Standard Bolt: M5 - M16 (3/16 - 5/8") High Strength Bolt: M5 - M14 (3/16 - 9/16") / Steel: 22 mm (7/8")	Machine screw: M4 - M8 (5/32 - 5/16") Standard bolt: M5 - M16 (3/16 - 5/8") High strength bolt: M5 - M14 (3/16 - 9/16") / Steel: 22 mm (7/8")	Machine screw: M4 - M8 (5/32 - 5/16") Standard bolt: M5 - M16 (3/16 - 5/8") High strength bolt: M5 - M14 (3/16 - 9/16") / Steel: 22 mm (7/8")
Hex Shank	6.35 mm (1/4")	6.35 mm (1/4")	-
No Load Speed (RPM)	Max / Hard / Mid / Soft / Wood / Bolt (1) / Bolt (2) / Bolt (3) / T (1) / T (2) mode: 0 - 3,700 / 3,200 / 2,100 / 1,100 / 1,800 / 2,500 / 3,700 / 3,700 / 2,400 / 3,700	Max / Hard / Mid / Soft / Wood / Bolt (1) / Bolt (2) / Bolt (3) / T (1) / T (2) mode: 0 - 3,700 / 0 - 3,200 / 0 - 2,100 / 0 - 1,100 / 0 - 1,800 / 0 - 2,700 / 0 - 3,700 / 0 - 3,700 / 0 - 2,900 / 0 - 3,700	Max / Hard / Mid / Soft / T mode: 0 - 3,700 / 0 - 3,200 / 0 - 2,100 / 0 - 1,100 / 0 - 2,400
Impacts Per Minute (IPM)	Max / Hard / Mid / Soft / Wood / Bolt (2) / Bolt (3) / T (2) mode: 0 - 4,400 / 3,600 / 2,600 / 1,100 / 4,400 / 4,400 / 4,400 / 2,600	Max / Hard / Mid / Soft / Wood / Bolt (2) / Bolt (3) / T (2) mode: 0 - 4,600 / 0 - 3,600 / 0 - 2,600 / 0 - 1,400 / 0 - 4,600 / 0 - 4,600 / 0 - 2,600	Max / Hard / Mid / Soft: 0 - 4,100 / 0 - 3,600 / 0 - 2,600 / 0 - 1,400
Max Fastening Torque	220 N-m (1,950 in.lbs.)	220 N-m (1,950 in.lbs.)	210 N-m (1,860 in.lbs.)
Dimensions (L x W x H)	w/ BL4040: 120 x 86 x 250 mm (4-3/4 x 3-3/8 x 9-7/8")	w/ BL4040: 119 x 86 x 252 mm (4-11/16 x 3-3/8 x 9-7/8")	w/ BL4040: 121 x 86 x 252 mm (4-3/4 x 3-3/8 x 9-7/8")
Net weight	1.7 - 2.0 kg (3.7 - 4.4 lbs.)	1.7 - 2.9 kg (3.7 - 6.4 lbs.)	1.7 - 2.9 kg (3.7 - 6.4 lbs.)



18V
DTD172

LXT BL MOTOR XPT



18V
DTD154

LXT BL MOTOR XPT



18V
DTD153

LXT BL MOTOR XPT



Capacity	Machine Screw: M4 - M8 (5/32 - 5/16") Standard Bolt: M5 - M16 (3/16 - 5/8") High Strength Bolt: M5 - M14 (3/16 - 9/16")	Machine Screw: M4 - M8 (5/32 - 5/16") Standard Bolt: M5 - M16 (3/16 - 5/8") High Strength Bolt: M5 - M14 (3/16 - 9/16") / Steel: 22 mm (7/8")	Machine Screw: M4 - M8 (5/32 - 5/16") Standard Bolt: M5 - M16 (3/16 - 5/8") High Strength Bolt: M5 - M14 (3/16 - 9/16") / Steel: 22 mm (7/8")
Hex Shank	6.35 mm (1/4")	6.35 mm (1/4")	6.35 mm (1/4")
No Load Speed (RPM)	Max / Hard / Mid / Soft / Wood / Bolt / T (1) / T (2) mode: 0 - 3,600 / 3,200 / 2,100 / 1,100 / 1,800 / 3,600 / 2,900 / 3,600	0 - 3,600	0 - 3,400
Impacts Per Minute (IPM)	Max / Hard / Mid / Soft / Wood / Bolt / T (2) mode: 0 - 3,800 / 3,600 / 2,600 / 1,100 / 3,800 / 3,800 / 2,600	0 - 3,800 / 0 - 2,600 / 0 - 1,100	0 - 3,600
Max Fastening Torque	180 N-m (1,590 in.lbs.)	175 N-m (1,550 in.lbs.)	170 N-m (1,500 in.lbs.)
Dimensions (L x W x H)	w/ BL1830B / BL1840B / BL1850B / BL1860B: 114 x 81 x 236 mm (4-1/2 x 3-3/16 x 9-1/4")	117 x 79 x 236 mm (4-5/8 x 3-1/8 x 9-1/4")	126 x 79 x 238 mm (5 x 3-1/8 x 9-3/8")
Net weight	1.2 - 1.5 kg (2.6 - 3.3 lbs.)	1.3 - 1.6 kg (2.7 - 3.4 lbs.)	1.3 - 1.6 kg (2.8 - 3.5 lbs.)



18V
DTD152

LXT XPT



18V
DTD156

LXT



18V
DTD157

LXT BL MOTOR XPT



Capacity	Machine Screw: M4 - M8 (5/32 - 5/16") Standard Bolt: M5 - M16 (3/16 - 5/8") High Strength Bolt: M5 - M12 (3/16 - 1/2") Steel: 22 mm (7/8")	Machine Screw: M4 - M8 (5/32 - 5/16") Standard Bolt: M5 - M14 (3/16 - 9/16") High Strength Bolt: M5 - M12 (3/16 - 1/2") Steel: 22 mm (7/8")	Machine Screw: M4 - M8 mm (5/32 - 5/16") Standard Bolt: M5 - M14 (3/16 - 9/16") High Strength Bolt: M5 - M12 (3/16 - 1/2")
Hex Shank	6.35 mm (1/4")	6.35 mm (1/4")	6.35 mm (1/4")
No Load Speed (RPM)	0 - 2,900	0 - 2,500	Hard / Soft: 0 - 3,000 / 0 - 1,300
Impacts Per Minute (IPM)	0 - 3,500	0 - 3,000	Hard / Soft: 0 - 4,100 / 0 - 2,000
Max Fastening Torque	165 N-m (1,460 in.lbs.)	155 N-m (1,370 in.lbs.)	140 N-m (1,240 in.lbs.)
Dimensions (L x W x H)	137 x 79 x 238 mm (5-3/8 x 3-1/8 x 9-3/8")	w/ BL1830B / BL1840B / BL1850B / BL1860B: 143 x 79 x 241 mm (5-5/8 x 3-1/8 x 9-1/2")	w/ BL1830B / BL1840B / BL1850B / BL1860B: 133 x 81 x 232 mm (5-1/4 x 3-3/16 x 9-1/8")
Net weight	1.3 - 1.6 kg (2.8 - 3.5 lbs.)	1.3 - 1.6 kg (2.9 - 3.6 lbs.)	1.2 - 1.5 kg (2.6 - 3.3 lbs.)



Cordless Oil-Pulse Driver

18V
DTS141

LXT BL MOTOR XPT



Capacity	Machine Screw: M4 - M8 (5/32 - 5/16") / Standard Bolt: M5 - M8 (3/16 - 5/16") High Strength Bolt: M5 - M6 (3/16 - 1/4") Coarse thread (in length): 22 - 125 mm (7/8 - 4-7/8")
No Load Speed (RPM)	Hard: 0-3,200 / Medium: 0-2,000 / Soft: 0-1,200
Impacts Per Minute (IPM)	Hard: 0 - 2,700 / Medium: 0 - 2,200 / Soft: 0 - 1,400
Max Fastening Torque	40 N-m (355 in.lbs.)
Dimensions (L x W x H)	136 x 79 x 240 mm (5-3/8 x 3-1/8 x 9-1/2")
Net weight	1.3 - 1.6 kg (2.8 - 3.5 lbs.)



Cordless 4 Mode Impact Driver

18V
DTP141

LXT BL MOTOR XPT



Capacity	Steel: 10 mm (3/8") Wood: 21 mm (13/16") Masonry: 8 mm (5/16")
No Load Speed (RPM)	Impact-driver mode (Hard / Mid / Soft): 0 - 2,700 / 0 - 2,200 / 0 - 1,300 Drill mode (Hi / Lo): 0 - 2,700 / 0 - 700
Impacts Per Minute (IPM)	0 - 3,200 / 0 - 2,400 / 0 - 1,200
Max Fastening Torque	Impact-driver mode: 150 N-m (1,330 in.lbs.) Drill mode (Hard / Soft): 22 / 13 N-m
Dimensions (L x W x H)	171 x 79 x 250 mm (6-3/4 x 3-1/8 x 9-7/8")
Net weight	1.5 - 1.9 kg (3.4 - 4.1 lbs.)



Cordless Impact Wrench

Standard Bolt Size High strength Bolt Size

XGT		LXT		High
40V max BL MOTOR TW001G XGT XPT Square drive size 3/4" (19mm) M12 - 36 M10 - 27	1,800 N·m	18V BL MOTOR DTW1001 LXT Square drive size 3/4" (19mm) M12 - 30 M10 - 24	1,050 N·m	
18V BL MOTOR DTW1002 LXT Square drive size 1/2" (12.7mm) M12 - 30 M10 - 24	1,000 N·m	18V BL MOTOR DTW700 DTW701 C ring Pin detent LXT XPT Square drive size 1/2" (12.7mm) M10 - 24 M10 - 16	700 N·m	
40V max BL MOTOR TW007G TW008G C ring Pin detent XGT XPT Square drive size 1/2" (12.7mm) M10 - 24 M10 - 16	760 N·m	18V BL MOTOR DTW800 LXT Hex shank size 7/16" (11.1mm) M12 - 24 M10 - 22	800 N·m	
40V max BL MOTOR TW004G TW005G C ring Pin detent XGT XPT Square drive size 1/2" (12.7mm) M10 - 20 M10 - 16	350 N·m	18V BL MOTOR DTW450 LXT Brushed Motor Square drive size 1/2" (12.7mm) M12 - 22 M12 - 16	440 N·m	
18V BL MOTOR DTW181 LXT XPT Square drive size 1/2" (12.7mm) M8 - 16 M6 - 12	210 N·m	18V BL MOTOR DTW302 LXT XPT Square drive size 3/8" (9.5mm) M10 - 20 M10 - 16	300 N·m	
18V BL MOTOR DTW253 LXT Brushed Motor Square drive size 3/8" (9.5mm) M8 - 16 M6 - 12	210 N·m	18V BL MOTOR DTW300 DTW301 C ring Pin detent LXT XPT Square drive size 1/2" (12.7mm) M10 - 20 M10 - 16	330 N·m	
18V BL MOTOR DTW190 LXT Brushed Motor Square drive size 1/2" (12.7mm) M8 - 16 M8 - 12	190 N·m	18V BL MOTOR DTW251 LXT Brushed Motor Square drive size 1/2" (12.7mm) M10 - 16 M10 - 14	230 N·m	
18V BL MOTOR DTW180 LXT XPT Square drive size 3/8" (9.5mm) M8 - 16 M6 - 12	180 N·m			
Max Fastening Torque (N·m)				Low

Specification

40V max

TW001G

XGT BL MOTOR XPT



40V max

TW007G / TW008G

XGT BL MOTOR XPT



40V max

TW004G / TW005G

XGT BL MOTOR XPT



18V

DTW1001

LXT BL MOTOR



Fastening Capacities	Standard Bolt: M12 - M36 (1/2 - 1-7/16") High Strength Bolt: M10 - M27 (3/8 - 1-1/16")	Standard Bolt: M10 - M24 (3/8 - 1") High Strength Bolt (Grade 10.9): M10 - M16 (3/8 - 5/8") High Strength Bolt (Grade F10T): M12, M16 (7/16, 5/8")	Standard Bolt: M10 - M20 (3/8 - 3/4") High Strength Bolt: M10 - M16 (3/8 - 5/8")	Standard Bolt: M12 - M30 (1/2 - 1-1/4") High Strength Bolt: M10 - M24 (3/8 - 1")
Square Drive	19 mm (3/4")	12.7 mm (1/2")	12.7 mm (1/2")	19 mm (3/4")
Impacts Per Minute (IPM)	Max / Hard / Mid / Soft: 2,500 / 2,400 / 2,200 / 1,900	Max / Hard / Mid / Soft: 2,900 / 2,700 / 1,900 / 1,200	Max / Hard / Mid / Soft: 4,000 / 3,400 / 2,600 / 1,800	-
No Load Speed (RPM)	Max / Hard / Mid / Soft: 1,800 / 1,400 / 1,150 / 950	Max / Hard / Mid / Soft: 2,300 / 1,900 / 1,200 / 600	Max / Hard / Mid / Soft: 3,200 / 2,600 / 1,800 / 1,000	Hard / Mid / Soft: 0 - 2,200 / 0 - 2,000 / 0 - 1,800
Max Fastening Torque	1,800 N-m (1,330 ft.lbs.)	760 N-m (560 ft.lbs.)	350 N-m (260 ft.lbs.)	1,050 N-m (780 ft.lbs.)
Dimensions (L x W x H)	w/ BL4020 / BL4025: 217 x 94 x 297 mm (8-1/2 x 3-11/16 x 11-3/4")	w/ BL4020 / BL4025: 170 x 86 x 285 mm (6-11/16 x 3-3/8 x 11-1/4")	w/ BL4020 / BL4025: 144 x 86 x 248 mm (5-5/8 x 3-3/8 x 9-3/4")	229 x 91 x 289 mm (9 x 3-5/8 x 11-3/8")
Net weight	3.9 - 4.2 kg (8.6 - 9.3 lbs.)	2.7 - 3.3 kg (6.0 - 7.3 lbs.)	1.9 - 2.2 kg (4.2 - 4.9 lbs.)	3.4 - 3.7 kg (7.5 - 8.2 lbs.)



18V

DTW1002

LXT BL MOTOR



18V

DTW800

LXT BL MOTOR



18V

DTW700 / DTW701

LXT BL MOTOR XPT



18V

DTW450

LXT



Fastening Capacities	Standard Bolt: M12 - M30 (1/2 - 1-1/4") High Strength Bolt: M10 - M24 (3/8 - 1")	Standard Bolt: M12 - M24 (1/2 - 1") High Strength Bolt: M10 - M22 (3/8 - 7/8")	Standard Bolt: M10 - M24 (3/8 - 1") High Strength Bolt (Grade 10.9): M10 - M16 (3/8 - 5/8") High Strength Bolt (Grade F10T): M12, M16 (7/16, 5/8")	Standard Bolt: M12 - M22 (1/2 - 7/8") High Strength Bolt: M12 - M16 (1/2 - 5/8")
Square Drive	12.7 mm (1/2")	11.1 mm (7/16")	12.7 mm (1/2")	12.7 mm (1/2")
Hex Shank	-	-	Max / Hard / Mid / Soft: 2,700 / 2,400 / 1,700 / 1,000	2,200
Impacts Per Minute (IPM)	Hard / Mid / Soft: 0 - 2,200 / 0 - 2,000 / 0 - 1,800	Hard / Mid / Soft: 0 - 2,200 / 0 - 2,000 / 0 - 1,800	Max / Hard / Mid / Soft: 2,200 / 1,900 / 1,200 / 500	1,600
No Load Speed (RPM)	1,000 N-m (740 ft.lbs.)	800 N-m (590 ft.lbs.)	700 N-m (520 ft.lbs.)	440 N-m (325 ft.lbs.)
Max Fastening Torque	229 x 91 x 289 mm (9 x 3-5/8 x 11-3/8")	229 x 91 x 303 mm (9 x 3-5/8 x 11-7/8")	w/ BL1830B / BL1840B / BL1850B / BL1860B: 170 x 81 x 276 mm (6-11/16 x 3-3/16 x 10-7/8")	266 x 82 x 290 mm (10-1/2 x 3-1/4 x 11-3/8")
Dimensions (L x W x H)	3.3 - 3.6 kg (7.3 - 8 lbs.)	3.4 - 3.7 kg (8.2 - 7.5 lbs.)	2.3 - 2.7 kg (5.1 - 6.0 lbs.)	3.1 - 3.4 kg (7.6 - 6.9 lbs.)
Net weight				



18V

DTW300 / DTW301

LXT BL MOTOR XPT



18V

DTW302

LXT BL MOTOR XPT



18V

DTW251

LXT



18V

DTW181

LXT BL MOTOR XPT



Fastening Capacities	Standard Bolt: M10 - M20 (3/8 - 3/4") High Strength Bolt: M10 - M16 (3/8 - 5/8")	Standard Bolt: M10 - M20 (3/8 - 3/4") High Strength Bolt: M10 - M16 (3/8 - 5/8")	Standard Bolt: M10 - M16 (3/8 - 5/8") High Strength Bolt: M10 - M14 (3/8 - 9/16")	Standard Bolt: M8 - M16 (5/16 - 5/8") High Strength Bolt: M6 - M12 (1/4 - 1/2")
Square Drive	12.7 mm (1/2")	9.5 mm (3/8")	12.7 mm (1/2")	12.7 mm (1/2")
Impacts Per Minute (IPM)	0 - 4,000 / 0 - 3,400 / 0 - 2,600 / 0 - 1,800	Max / Hard / Mid / Soft: 0 - 4,000 / 0 - 3,400 / 0 - 2,600 / 0 - 1,800	0 - 3,200	Hard / Soft: 0 - 3,600 / 0 - 2,000
No Load Speed (RPM)	Max / Hard / Mid / Soft: 3,200 / 2,600 / 1,800 / 1,000	Max / Hard / Mid / Soft: 0 - 3,200 / 0 - 2,600 / 0 - 1,800 / 0 - 1,000	0 - 2,100	Hard / Soft: 0 - 2,400 / 0 - 1,300
Max Fastening Torque	330 N-m (240 ft.lbs.)	300 N-m (220 ft.lbs.)	230 N-m (170 ft.lbs.)	210 N-m (155 ft.lbs.)
Dimensions (L x W x H)	w/ BL1830B / BL1840B / BL1850B / BL1860B: 144 x 81 x 246 mm (5-5/8 x 3-3/16 x 9-11/16")	w/ BL1830B / BL1840B / BL1850B / BL1860B: 138 x 81 x 246 mm (5-7/16 x 3-3/16 x 9-11/16")	165 x 79 x 234 mm (6-1/2 x 3-1/8 x 9-1/4")	w/ BL1830B / BL1840B / BL1850B / BL1860B: 151 x 79 x 235 mm (5-15/16 x 3-1/8 x 9-1/4")
Net weight	1.5 - 1.8 kg (3.4 - 4.1 lbs.)	1.4 - 1.8 kg (3.1 - 4.0 lbs.)	1.5 - 1.8 kg (3.2 - 3.9 lbs.)	1.2 - 1.5 kg (2.7 - 3.4 lbs.)



18V

DTW253

LXT



18V

DTW190

LXT



18V

DTW180

LXT BL MOTOR XPT



Fastening Capacities	Standard Bolt: M8 - M16 (5/16 - 5/8") High Strength Bolt: M6 - M12 (1/4 - 1/2")	Standard Bolt: M8 - M16 (5/16 - 5/8") High Strength Bolt: M8 - M12 (5/16 - 1/2")	Standard Bolt: M8 - M16 (5/16 - 5/8") High Strength Bolt: M6 - M12 (1/4 - 1/2")
Square Drive	9.5 mm (3/8")	12.7 mm (1/2")	9.5 mm (3/8")
Impacts Per Minute (IPM)	0 - 3,200	0 - 3,000	Hard / Soft: 0 - 3,600 / 0 - 2,000
No Load Speed (RPM)	0 - 2,100	0 - 2,300	Hard / Soft: 0 - 2,400 / 0 - 1,300
Max Fastening Torque	210 N-m (155 ft.lbs.)	190 N-m (140 ft.lbs.)	180 N-m (130 ft.lbs.)
Overall Length	-	176 mm (6-15/16")	-
Dimensions (L x W x H)	155 x 79 x 234 mm (6-1/8 x 3-1/8 x 9-1/4")	-	w/ BL1830B / BL1840B / BL1850B / BL1860B: 144 x 79 x 235 mm (5-5/8 x 3-1/8 x 9-1/4")
Net weight	1.3 - 1.6 kg (2.8 - 3.6 lbs.)	1.4 - 1.8 kg (3.2 - 3.9 lbs.)	1.2 - 1.5 kg (2.7 - 3.4 lbs.)



XGT 40V Li-ion max

High Power

Durability

Digital Communication

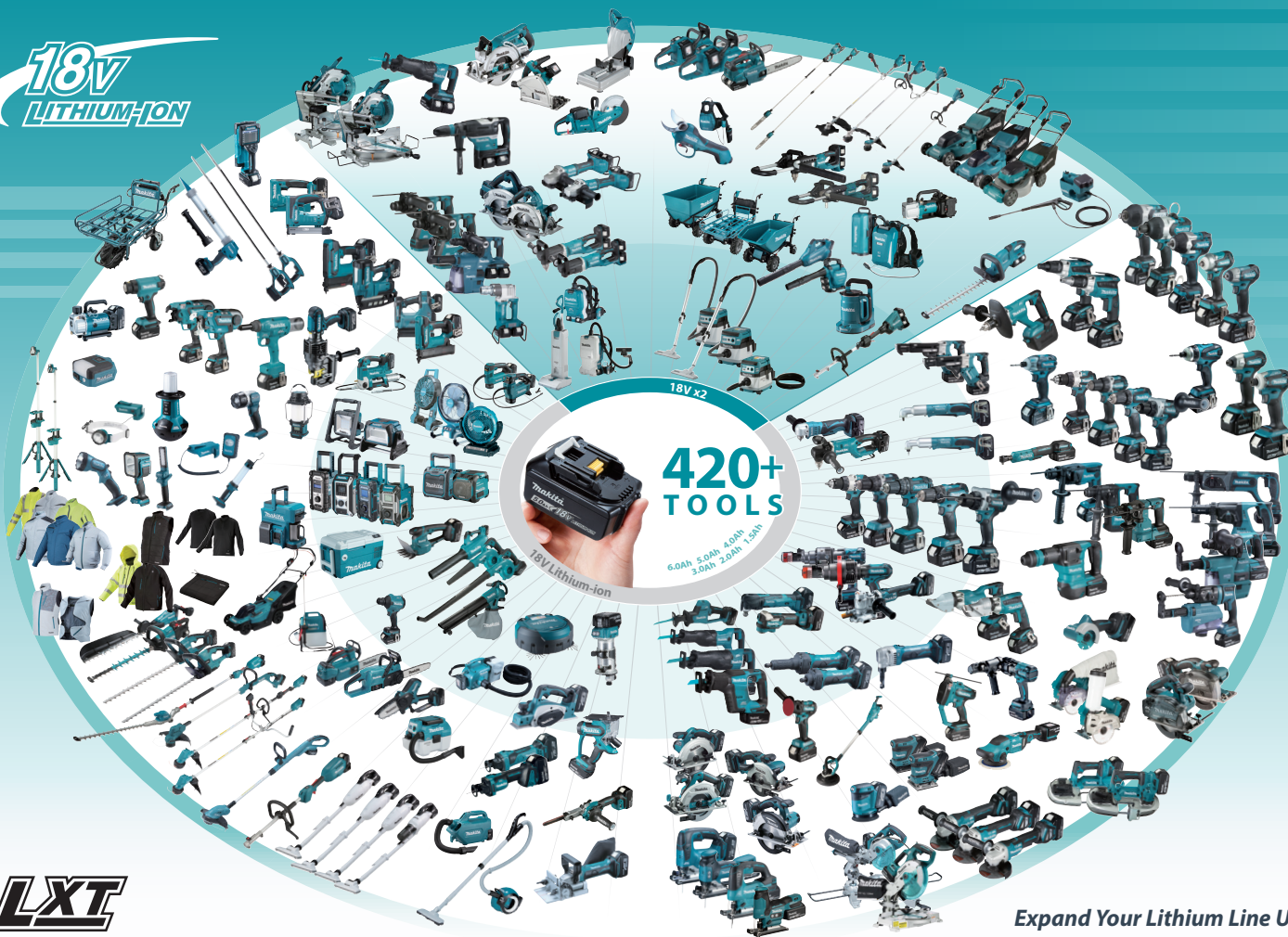


XGT 40V Li-ion max XGT X2 80V max



180+ TOOLS

18V LITHIUM-ION



420+ TOOLS

6.0Ah 5.0Ah 4.0Ah 3.0Ah 2.0Ah 1.5Ah

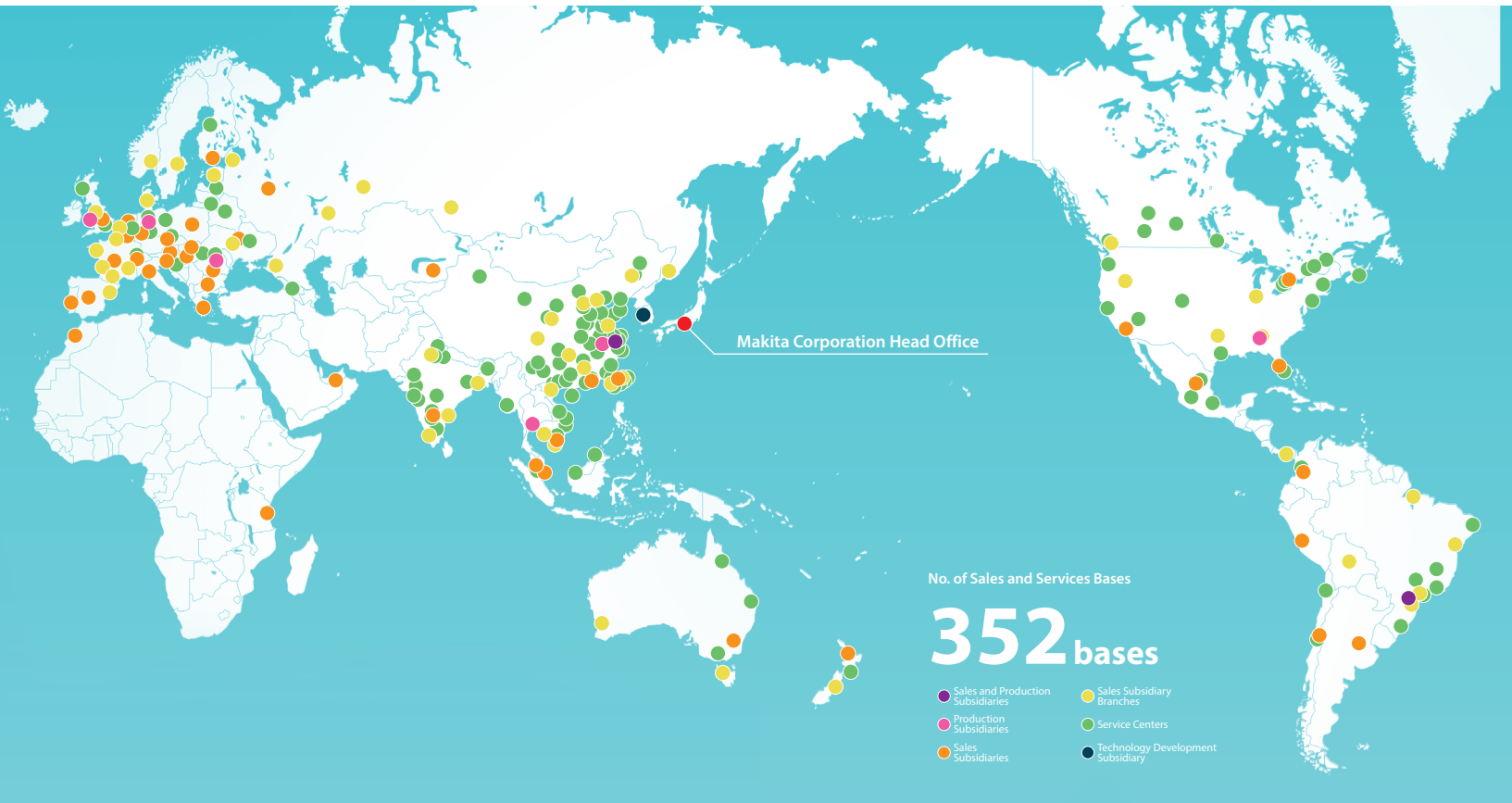
LXT

Expand Your Lithium Line Up

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Brazil Plant



CHINA
China Plant (MCC)



CHINA
China Plant (MKC)



THAILAND
Thailand Plant





The weight may differ depending on the attachment(s), including the battery cartridge. The lightest and heaviest combination, according to EPTA-Procedure 01/2014, are shown in the table.

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