



Cordless Impact Wrench DTW700 1/2" (12.7 mm)

LXT

High Torque and Compact

Max fastening torque

700 N·m

Actual measured value at 6 seconds
after seating

Nut-busting torque

1,000 N·m

DTW700

C ring



18V
LITHIUM-ION

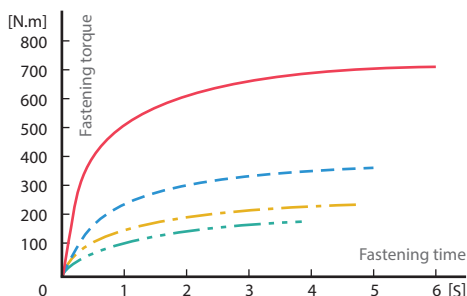
BL **XPT**
MOTOR



Compact design with a short overall length



Proper fastening torque curve



- Max mode (4)**
High strength friction grip bolt M24
- Hard mode (3)**
High strength friction grip bolt M16
- Medium mode (2)**
High strength bolt M16
- Soft mode (1)**
High strength bolt M14

Charging Time

	18V LITHIUM-ION	DC18RC	DC18SD
BL1815N 1.5Ah		15 min	30 min
BL1820B 2.0Ah		24 min	45 min
BL1830B 3.0Ah		22 min	60 min
BL1840B 4.0Ah		36 min	90 min
BL1850B 5.0Ah		45 min	110 min
BL1860B 6.0Ah		55 min	130 min

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. Items of standard equipment and specifications may vary by country or area.

Electronic 4 stage impact power selection

Both in forward and reverse rotation modes, max/hard/medium/soft impact power can be selected to suit the material of workpiece or screw type simply by pushing a button.

Pushing a button



No load speed (min ⁻¹)	Impacts per minutes (min ⁻¹)
Max: 0-2,200	Max: 0-2,700
Hard: 0-1,900	Hard: 0-2,400
Medium: 0-1,200	Medium: 0-1,700
Soft: 0-500	Soft: 0-1,000

Trigger switch with full speed mode

- Variable speed mode can be changed to full speed mode simply by pushing a button.
- Because in full speed mode, the trigger travel is shorter than in variable speed mode, the full speed is quickly reached, reducing hand and finger fatigue from trigger pull.

Auto-stop system available both in forward/reverse rotation modes

3 modes of reaction time for automatic stop available both in forward and reverse rotation modes.

	Forward	Reverse
mode 1	The tool stops automatically as soon as it has detected the first impact blow.	The tool stops automatically as soon as it has stopped impact blow.
mode 2	The tool stops automatically approximately 0.5 seconds after the moment it has detected the first impact blow.	The tool stops automatically approximately 0.3 seconds after the moment it has stopped impact blow.
mode 3	The tool stops automatically approximately 1.0 second after the moment it has detected the first impact blow.	The tool automatically slows down to 230min ⁻¹ after the moment it has stopped impact blow.

Accessories

Extension handle set

Part No. 191G67-2



Cordless Impact Wrench

DTW700 1/2" (12.7 mm)

Variable Speed	Fastening Capacities	Standard Bolt: M10 - M24 (3/8" - 1") High Strength Bolt: M10 - M16 (3/8" - 5/8")
Brake	Square Drive	12.7 mm (1/2")
Reversing	No Load Speed (RPM)	Max / Hard / Mid / Soft: 0 - 2,200 / 1,900 / 1,200 / 500
Electronic 4-Speed	Impacts Per Minute (IPM)	Max / Hard / Mid / Soft: 0 - 2,700 / 2,400 / 1,700 / 1,000
Built-in Job Light	Nut-Busting Torque	1,000 N·m (740 ft.lbs.)
Carrying Case	Max Fastening Torque	700 N·m (520 ft.lbs.)
	Vibration Level	Impact tightening of fasteners of the maximum capacity of the tool: 19.0 m/s ²
	Sound Pressure Level	94 dB(A)
	Sound Power Level	105 dB(A)
	Dimensions (L x W x H)	w/ BL1830B / BL1840B / BL1850B / BL1860B: 170x81x276 mm (6-11/16"x3-3/16"x10-7/8") 2.3 - 2.7 kg (5.1 - 6.0 lbs.)
	Net weight	
	DTW700RTJ	2 battery 5.0Ah (BL1850B), fast charger (DC18RC)
	DTW700Z	Battery & charger are sold separately

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