



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



## 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

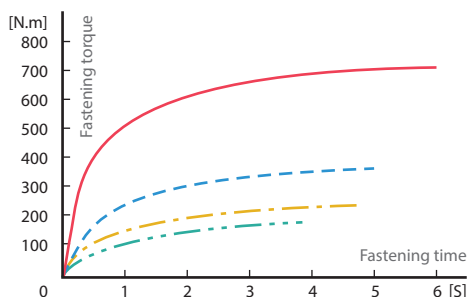
**BL** **XPT**  
MOTOR



### 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

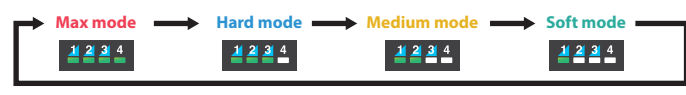


	DC18RC	DC18SD
<b>BL1815N 1.5Ah</b>	15 min	30 min
<b>BL1830B 3.0Ah</b>	22 min	60 min
<b>BL1850B 5.0Ah</b>	45 min	110 min
<b>BL1860B 6.0Ah</b>	55 min	130 min

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

**Standard Equipment :** Belt Clip, Battery, Charger

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.

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