

## Cordless Impact Wrenches

**18V**  
**WR 18DBDL2**  
6.0Ah 5.0Ah 3.0Ah



**14.4V**  
**WR 14DBDL2**  
5.0Ah



### Specifications

		WR 18DBDL2	WR 14DBDL2
Capacity	Bolt	M10 - M20 (3/8 - 3/4")	M10 - M16 (3/8 - 5/8")
	High Tension Bolt	M10 - M16 (3/8 - 5/8")	
Squire Drive		12.7mm (1/2")	
Tightening Torque		305Nm (225ft-lbs.)	285Nm (210ft-lbs.)
Battery Voltage		18V	14.4V
No Load Speed	High Mode	0 - 2,700/min	0 - 2,600/min
	Medium Mode	0 - 2,000/min	
	Low Mode	0 - 1,000/min	
	Single Mode	0 - 2,700/min	0 - 2,600/min
Full Load Impact Rate		0 - 3,600/min	0 - 3,500/min
Overall Length		145mm (5-11/16")	
Weight <sup>*1</sup>		1.8kg (4.0lbs.) with BSL1860, BSL1850, BSL1830 1.5kg (3.3lbs.) with BSL1830C	1.7kg (3.7lbs.)
Vibration Total Values (triax vector sum) <sup>*2</sup>		Vibration Emission Value = 11.7m/s <sup>2</sup> Uncertainty K = 1.5m/s <sup>2</sup>	Vibration Emission Value = 13.4m/s <sup>2</sup> Uncertainty K = 1.5m/s <sup>2</sup>
Standard Accessories <sup>*3</sup>		2 Batteries (BSL1860, BSL1850, BSL1830 or BSL1830C), Charger (UC18YFSL, UC18YSL3 or UC18YML2)	2 Batteries (BSL1450), Charger (UC18YFSL)
Battery Cover, Carrying Case			

## Fast Charging

offered by Hitachi's original charging technology

### Built-in cooling system

reduces charging time by efficiently cooling both the battery and charger at the same time during charging.

Approx. **38** min. **18V/14.4V** 6.0Ah<sup>\*3</sup>

Approx. **32** min. **18V/14.4V** 5.0Ah<sup>\*3</sup>

**Large charge indicator lamp** with 4 color status LED and sound alert once charging is complete

**Low-temperature charge** (-10°C and above)

**UC 18YSL3<sup>\*3</sup>**



**USB port** (5V·2A)  
Cable and smartphone not included.

\*1 According to EPTA-Procedure 01/2003.

\*2 Vibration total values (triax vector sum) determined according to EN60745.

\*3 The included batteries and charger vary by country or area.

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**HITACHI**  
Inspire the Next

## Cordless Impact Wrenches

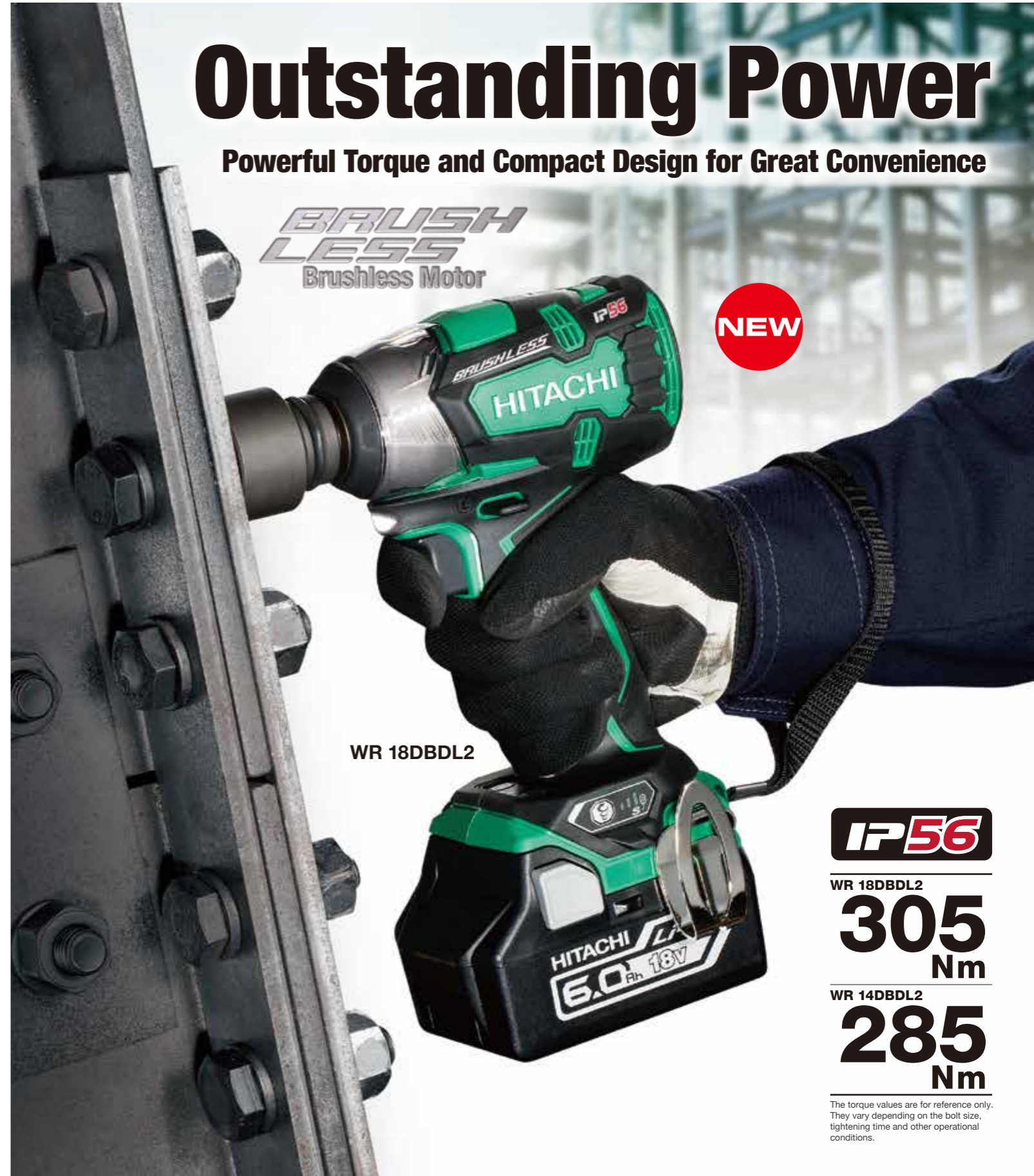
18V 6.0Ah/5.0Ah/3.0Ah WR 18DBDL2 14.4V 5.0Ah WR 14DBDL2

# Outstanding Power

Powerful Torque and Compact Design for Great Convenience

**BRUSHLESS**  
Brushless Motor

**NEW**



WR 18DBDL2

**IP56**

WR 18DBDL2

**305**  
Nm

WR 14DBDL2

**285**  
Nm

The torque values are for reference only. They vary depending on the bolt size, tightening time and other operational conditions.

# Outstanding Power

Powerful Torque and Compact Design for Great Convenience

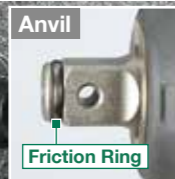
**BRUSH  
LESS**  
Brushless Motor

HITACHI  
CORDLESS  
IMPACT WRENCHES  
WR 18DBDL2 / WR 14DBDL2

## Smooth Socket Changes with a Friction Ring Anvil

The friction ring holds a socket on the anvil, making it easier to install a pin and O-ring to securely lock the socket in place.

It is possible to temporarily hold the socket in place with the friction ring, but be sure to insert the pin and attach the O-ring before use. If the power tool is used while the socket is temporarily held in place, the socket may fall off and cause an injury.



Hitachi Original  
Brushless Motor Technology

**BRUSH  
LESS**  
Brushless Motor

No wearing parts  
(carbon brushes, commutator, field coil) | Hitachi original  
compact controller

**Long Lifetime, Maintenance-free**

**Significantly extended product life cycle**

Free from trouble including armature burnout,  
layer short or commutator wear even in severe work environments.

**No carbon brush replacement required**



WR 18DBDL2

**Powerful**

**More Torque. More Power.**

WR 18DBDL2  
Max. Tightening Torque

**305 Nm**

WR 18DBDL (Previous model)  
250 Nm

**55 Nm**  
More Torque

WR 14DBDL2  
Max. Tightening Torque

**285 Nm**

WR 14DBDL (Previous model)  
235 Nm

**50 Nm**  
More Torque

**Compact**

**Compact Design for Better Handling**

WR 18DBDL2 / WR 14DBDL2  
Overall length

**145 mm**

WR 18DBDL / WR 14DBDL  
(Previous model)  
168 mm



**23 mm**  
Shorter

**Highly  
Efficient**

**Longer Runtime per Charge (Approx.)**

© When loosening M20 high-tension bolts tightened at 350 Nm.

WR 18DBDL2 [5.0Ah] BSL 1850

Up to **380 bolts**

Up to **240 bolts**

WR 18DBDL [5.0Ah] BSL 1850  
(Previous model)

Approx.  
**1.6x**

WR 14DBDL2 [5.0Ah] BSL 1450

Up to **250 bolts**

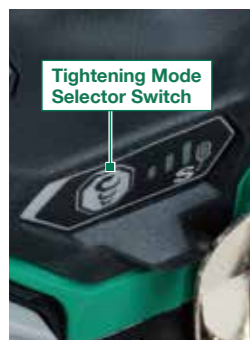
Up to **190 bolts**

WR 14DBDL [5.0Ah] BSL 1450  
(Previous model)

Approx.  
**1.3x**

## Tightening Mode Selector

for a Variety of Applications



### Tightening Mode Settings

Mode	Low	Medium	High	Single
Tightening Mode Indicator Lamp				
Applications	Light load work Installing pipe supports, scaffolding, etc.		Heavy load work Assembling steel frames, etc.	Delicate work Tightening small diameter screws, etc.

© The tightening torque depends on the material, size and class of the bolt. Make a test fastening to adjust the mode setting to suit the bolt.

## Dust and Water Resistant

Thanks to the unique design of dust-protective cooling windows and fully plastic coating on some important inner parts, this product conforms to IP56 protection class ratings (dust and water resistance) for electrical equipment as stipulated by the international IEC regulations.

**IP56**\*



\*The equipment has been designed to withstand the effects of dust and water, but there is no guarantee that it will not malfunction. Do not use or leave the equipment in locations where it is subject to excessive amounts of dust, or in locations where it is submerged in water or subject to rainwater. (Only the main unit conforms to the IP56 protection class ratings when equipped with a battery.)

## Electronic Switch

allows for finer adjustments in the low speed range. It is also more efficient in transferring energy resulting in longer tool life.



**Smooth Control**