



WH 36DB



TRIPLE HAMMER

BRUSH LESS
Brushless Motor

IP56

Specifications

		WH 36DB
Capacity	Ordinary Bolt	5 - 18mm (3/16" - 23/32")
	High Tension Bolt	5 - 14mm (3/16" - 9/16")
	Machine Screw	4 - 10mm (5/32" - 3/8")
	Self Drilling Screw	3.5 - 6mm (1/8" - 1/4")
Drive		6.35mm (1/4") Hex Bit Shank
Tightening Torque		210Nm (1,859in.-lbs.)
Battery	Voltage	36V
	Power Mode	0 - 2,900/min
No Load Speed	Normal Mode	0 - 2,900/min
	Soft Mode	0 - 900/min
	Self Drilling Screw Mode	0 - 2,900/min
Full Load Impact Rate	Power Mode	0 - 4,100/min
	Normal Mode	0 - 4,100/min
	Soft Mode	0 - 2,000/min
	Self Drilling Screw Mode	0 - 2,200/min
Overall Length		127mm (5")
Weight ^{*1}		1.6kg (3.5lbs.) with BSL 36A18
Vibration Total Values (triax vector sum) ^{*2}	Impact tightening of fasteners of the maximum capacity of the tool	Vibration emission value ah = 16.5 m/s ²
		Uncertainty K = 1.5 m/s ²
Standard Accessories ^{*3}		2 Batteries(BSL 36A18), Charger(UC 18YSL3), Battery Cover, Carrying Case

*1 Weight 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.

Cordless Impact Driver

36V-2.5Ah WH 36DB

MV
MULTI VOLT
AC POWER. DC FREEDOM.



MV
MULTI VOLT
AC POWER. DC FREEDOM.

MV The MULTI VOLT Series



Cordless Driver Drill
DS 36DA



Cordless Impact Driver Drill
DV 36DA



Cordless Rotary Hammers
DH 36DPA
DH 36DPB
DH 36DPC
DH 36DPD



Cordless Circular Saw
C 3606DA



Cordless Disc Grinders
G 3613DA
G 3613DB
G 3612DA
G 3610DA
G 3610DB

Hitachi Koki Co., Ltd.

www.hitachi-koki.com

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WH 36DB Cordless Impact Driver



**TRIPLE
HAMMER**

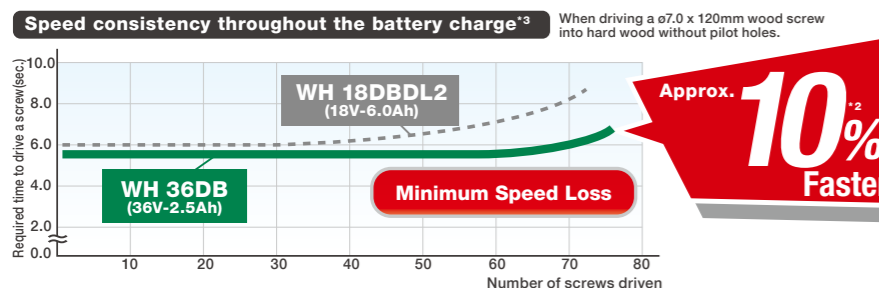
**BRUSH
LESS**
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Industry's Highest¹ Performance

Provides High-Speed Fastening throughout the Battery Charge

Increasing the voltage of the Lithium-ion battery from 18V to 36V means maintaining full speed for a longer period of time, and even 10% faster when the battery runs low.



Triple Hammer

The hammer with 3 strikers reduces vibration by making 3 impacts per rotation instead of the conventional 2. This results in greater comfort and less cam-out (driver slippage from screw head), and works great for light-duty applications such as fastening short or thin screws. In order to suit various applications, a 4-step tightening mode selector function is also incorporated.



LED light

Max. Tightening Torque

Max. Torque
Approx. **210Nm**

Runtime per Charge³

With the BSL 36A18 battery. When driving screws into hard wood without pilot holes.

$\phi 4.0 \times 50\text{mm}$ Wood Screws
Approx. **3,700** Screws

$\phi 7.0 \times 120\text{mm}$ Wood Screws
Approx. **75** Screws

4-step Tightening Mode Selector

- Soft Mode**
3 impacts per rotation
- Normal Mode**
3 impacts per rotation
- Power Mode**
1.5 impacts per rotation (Only when under heavy load)
- Self Drilling Screw Mode**
3 impacts per rotation

IP56^{*} 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.

^{*} 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.)



1,080W High Power Output

The MULTI VOLT battery, paired with MULTI VOLT 36V tools, offers unprecedented cordless power over 1,000W with its size and weight.

Compact & Lightweight

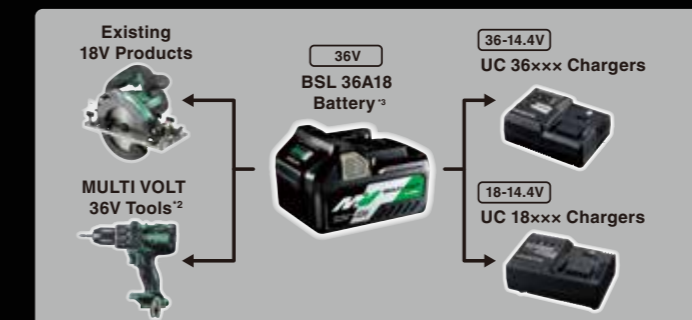
The MULTI VOLT battery has almost the same size and weight of a 18V battery (BSL 1850/BSL 1860), and produces the power of a 36V.

Same Size



Automatic Voltage Change between 36V and 18V

The MULTI VOLT battery is designed for full compatibility with the current 18V slide range, and automatically changes between 2 voltages, 36V¹ 2.5Ah and 18V 5.0Ah, according to the tool used.



Remaining Battery Indicator



Displays the charging state in four stages.

BSL 36A18 MULTI VOLT Battery

Voltage& Capacity	36V-2.5Ah / 18V-5.0Ah	
Cooling System	Yes	
Dimensions	116 x 69 x 76 mm (4-9/16" x 2-23/32" x 2-63/64")	
Charging Time	Approx. 32 min. ⁴ (when using the UC 18YSL3)	
Compatible Products	18V	All existing 18V slide-type tools
	36V	MULTI VOLT 36V tools
Compatible Chargers	All chargers compatible with slide-type Lithium-ion batteries	

¹. Compatible with MULTI VOLT 36V tools only.

². Not compatible with the following existing batteries: BSL 3620/3625/3626/3660, BSL 18xx and BSL 14xx series.

³. Not compatible with the existing 36V products that are compatible with BSL 3620, BSL 3625, BSL 3626 or BSL 3660.

⁴. The actual charging time can be longer depending on the surrounding temperature and battery condition.

¹. As of July 2017. Among cordless impact drivers made by leading power tool manufacturers. (Surveyed by Hitachi Koki.)

². In comparison with the WH 18DBDL2 cordless impact driver. Average rate when having driven 70 screws.

³. The numbers are for reference purposes. They may vary according to the material to be screwed and operating conditions.

⁴. In comparison with the 18V WH18DBDL2 cordless impact driver.