



MV
MULTI VOLT
 AC POWER. DC FREEDOM.



DS 36DA



BRUSH LESS
 Brushless Motor

RFC
 REACTIVE FORCE CONTROL

DV 36DA



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 Brushless Motor

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 REACTIVE FORCE CONTROL

Specifications

		DS36DA	DV36DA
Drill Chuck		1.5 – 13mm (1/16" - 1/2") Keyless	
Capacity	Brick	-	20mm (3/4")
	Mild Steel	16mm (5/8")	
	Soft Wood	102mm (4")	
	Wood Screw	12x100mm (15/32"x4")	
	Machine Screw	6mm (1/4")	
Battery Voltage		36V	
No Load Speed	High	0 – 2,100/min.	
	Low	0 – 500/min.	
Impact Rate	High	-	0 – 31,500/min.
	Low	-	0 – 7,500/min.
Max Torque	Hard	138Nm (1,220in.-lbs.)	
	Soft	64Nm (566in.-lbs.)	
Torque Setting		2 – 8Nm (18 - 71in.-lbs.)	
Overall Length		204mm (8")	
Weight ¹		2.7kg (6.0lbs.) with BSL 36A18	
Vibration Total Values (triax vector sum) ²	Drilling into Metal	Vibration emission value ah, D < 2.5m/s ² Uncertainty K = 1.5m/s ²	-
	Impact Drilling into Concrete	-	Vibration emission value ah, ID = 10.5m/s ² Uncertainty K = 1.5m/s ²
Standard Accessories ³		2 Batteries (BSL36A18), Charger (UC18YSL3), Side Handle, Driver Bit, 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 Driver Drill

36V-2.5Ah DS 36DA

Cordless Impact Driver Drill

36V-2.5Ah DV 36DA



MV The MULTI VOLT Series



Cordless Impact Driver
WH 36DB



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.

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DS 36DA / DV 36DA

Cordless Driver Drill / Cordless Impact Driver Drill



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Enhanced Application Versatility

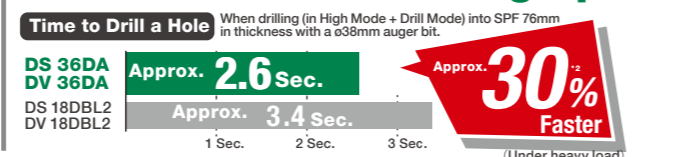
Able to drill a large hole in siding / ALC / plywood with a hole saw or self-feed bit, which results in greatly increased versatility.



Model	Steel	Wood	Brick*	Siding	Wood Screws (Coach Bolt)
DS 18DBL2 DV 18DBL2	13mm	76mm	16mm	170mm	10mm
DS 36DA DV 36DA	16mm	102mm	20mm	200mm	12mm

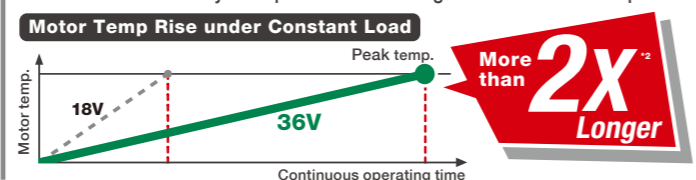
*1. As of July 2017. Among the cordless driver drills and cordless impact driver drills made by leading power tool manufacturers. (Surveyed by Hitachi Koki.)
*2. Vs. the 18V DS18DBL2 cordless driver drill / DV18DBL2 cordless impact driver drill.
*3. The runtimes are for reference purposes. They depend on the workpiece material and operating conditions.

Fastest in class^{*1} Drilling Speed



Significantly Prolonged Continuous Operation Time

Increasing the voltage of the Lithium-ion battery from 18V to 36V results in a slower temperature rise of the motor. Even when working continuously, the 36V MULTI VOLT tools are less likely to stop due to overheating than their 18V counterparts.



Runtime per Charge^{*3} (Using the BSL 36A18 battery)

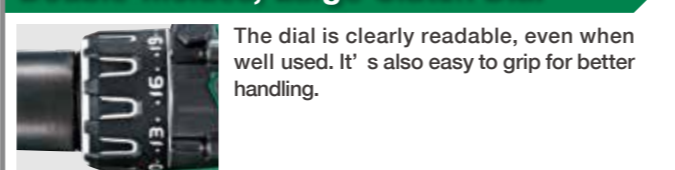
Drilling into Wood (in High Mode + Drill Mode)	Drilling into Mortar (in High Mode + Impact Mode)
DS 36DA DV 36DA Approx. 70 Holes	DV 36DA Approx. 120 Holes
When drilling into SPF 76mm in thickness with a ø38mm auger bit.	When drilling 50mm deep holes into mortar with a ø10 masonry drill bit

Just as Compact as 18V Tools

The compact design with 204mm overall length provides excellent handling.



Double-Molded, Large Clutch Dial



Reactive Force Control

When the tool bit is suddenly overloaded during operation, the motor stops before the drill twists so as to minimize the danger of twisting the user's arms.

Depending on operating conditions, Reactive Force Control may not work or may not provide the specified performance. Make sure that the workpiece is placed and supported properly, and that the main unit is held firmly during operation.



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.

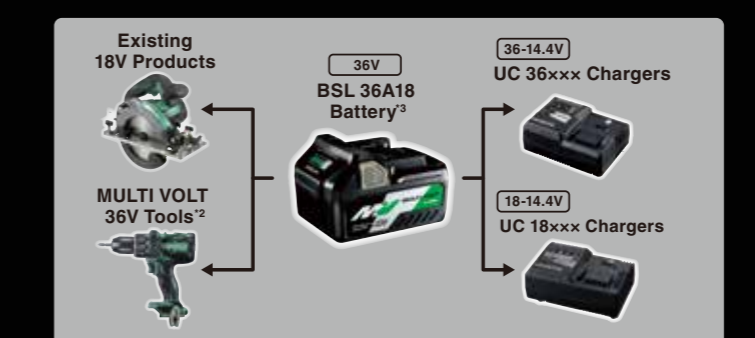
Compact & Lightweight

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.



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, 36V^{*1} 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.