



Specifications

| | | | G 3610DA | G 3610DB | G 3612DA | G 3613DA | G 3613DB |
|--|------------------|---------------------------------|--|----------|---|------------|----------|
| Wheel | Outer Dia. | | 100mm (4") | | 115mm (4-1/2") | 125mm (5") | |
| | Hole Dia. | | 16mm (5/8") | | 22.23mm (7/8") | | |
| Spindle Thread | | | M10 x 1.5 | | M14 x 2 | | |
| Battery Voltage | | | 36V | | | | |
| No Load Speed | | | Transmission mode : 3,000 - 9,500/min. AUTO mode : 5,500/min. | | | | |
| Overall Length | | | 358mm (14-3/32") | | | | |
| Weight ¹ | | | 2.6kg (5.7lbs.) | | 2.8kg (6.2lbs.) | | |
| Vibration Total Values (triax vector sum) ² | Surface Grinding | Vibration Emission Value ah, AG | 5.9m/s ² | | | | |
| | | Uncertainty K | 1.5m/s ² | | | | |
| Standard Accessories ³ | | Depressed Center Wheel | 100mm dia. | | 115mm dia. | 125mm dia. | |
| | | | 2 Batteries (BSL 36A18), Charger (UC 18YSL3), Side Handle, Wrench, 2 Battery Covers, Carrying Case | | 2 Batteries (BSL 36A18), Charger (UC 18YSL3), Side Handle, Wrench, Hex Bar Wrench, 2 Battery Covers, 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.



Hitachi Koki Co., Ltd.
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Distributed by:

Cordless Disc Grinders
36V-2.5Ah G 3613DA / G 3613DB / G 3612DA / G 3610DA / G 3610DB





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

BRUSHLESS
Brushless Motor



1,270W
Max Output

Greater^{*1} Cutting Performance

Max Output Comparison

| Cordless | G 3613DA, G 3613DB, G 3612DA, G 3610DA, G 3610DB | Existing Models G 18DBVL, G 18DBAL |
|------------|--|---------------------------------------|
| Max Output | 1,270W | 680W |

Runtime per Charge

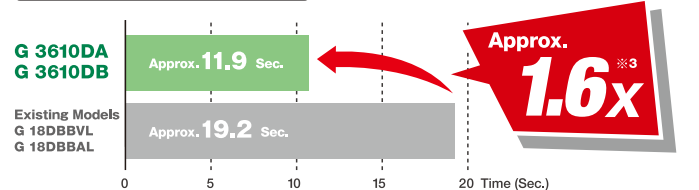
 (When using the BSL 36A18 battery.)

| | |
|--|---------------------------|
| Mortar Cutting | Approx. 12m ^{*2} |
| When cutting mortar 10mm thick with a 105mm diamond wheel. | |

Faster Cutting Speed

Handles heavy duty applications with an efficiency impossible with conventional 18V grinders.

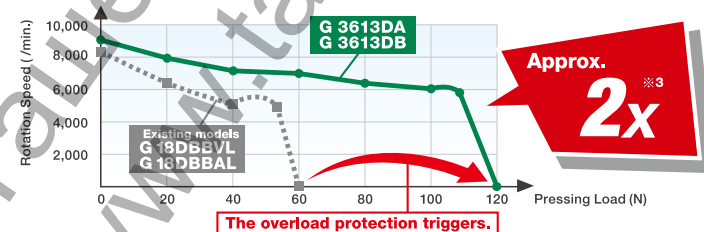
Cutting Speed Comparison



Increased Overload Capacity

The motor is so powerful as to keep the rotation speed constant, and it is less likely to become overloaded.

Comparison of Overload Capacity



Excellent Handling

Smallest Grip Circumference in its Class^{*4}

Lightweight and compact body with a slim grip and small head offers easy handling and efficient operation.



190mm
around the Motor

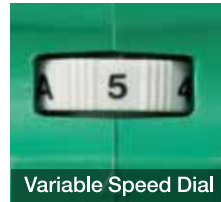
146mm
Grip Circumference

Variable Speed Control and Auto Mode Function

| | |
|----------------|--|
| Variable Speed | Variable speed control allows users to change the rotation speed to between 3,000 and 9,500/min. to suit the application. |
| Auto Mode | The speed automatically shifts between high (9,500/min.) and low (5,500/min.) speeds depending on the load, resulting in more effective operation. |

< Dial Settings and No Load Speeds >

| Dial | No Load Speed (/min.) | Use |
|---------------|-----------------------|--|
| 1 | 3,000 | Grinding Stainless Steel Rust or Paint Removal Grinding, Finishing |
| 2 | 4,750 | |
| 3 | 6,500 | |
| 4 | 8,250 | |
| 5 | 9,500 | Rough Grinding, Cutting |
| A (Auto Mode) | 5,500 | Light Work, Standby State |
| | 9,500 | Grinding, Cutting |

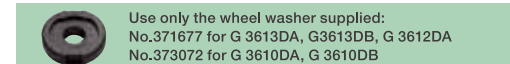


Variable Speed Dial

High Level of Safety

Brake System

Electronic brake stops the wheel in less than 2 sec after the tool is switched off. This allows users to prevent accidents and work much more efficiently.



Use only the wheel washer supplied:
No.371677 for G 3613DA, G 3613DB, G 3612DA
No.373072 for G 3610DA, G 3610DB



Extra Safety Features

Kickback Protection System / Anti-Restart Protection / Soft Start / Dust & Water-Resistant Construction

^{*1} In comparison with the G 18DBVL/G 18DBAL.
^{*2} The value varies according to the state of battery charge and other operating conditions.
^{*3} The value is for reference purposes. It may vary according to the workpiece material or other operating conditions.
^{*4} As of December 2017. Among 36V cordless brushless disc grinders made by leading power tool manufacturers. (Surveyed by Hitachi Koki.)



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

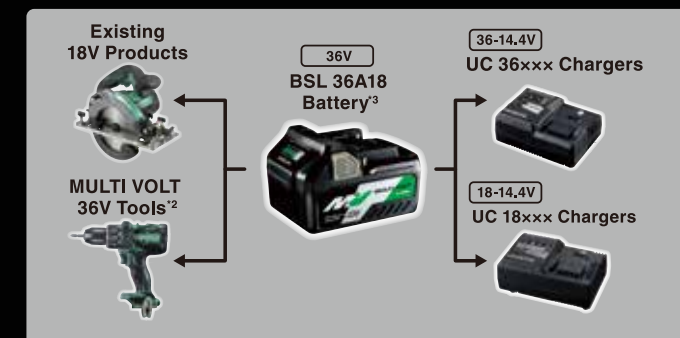
The MULTI VOLT battery has almost the same size and weight of a 18V battery (BSL 1850/BSL 1860), and produces the power of a 36V.

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, 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.