

18V Cordless Disc Grinders **BRUSHLESS**

Slide Switch



Wheel Dia.	115mm
Variable Speed	No
Brake	Yes



Wheel Dia.	125mm
Variable Speed	Yes
Brake	Yes



Wheel Dia.	125mm
Variable Speed	No
Brake	Yes

Paddle Switch



Wheel Dia.	125mm
Variable Speed	Yes
Brake	Yes



Wheel Dia.	125mm
Variable Speed	No
Brake	Yes

Slide Switch



Wheel Dia.	115mm
Variable Speed	No
Brake	No



Wheel Dia.	125mm
Variable Speed	No
Brake	No

Specifications

Model	G 1812DE	G 1813DVE	G 1813DE	G 1813DVF	G 1813DF	G 1812DA	G 1813DA
Kickback Protection	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Restart Protection	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Soft Start	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Variable Speed	No	Yes	No	Yes	No	No	No
Brake	Yes	Yes	Yes	Yes	Yes	No	No
Slide Switch	Yes	Yes	Yes	No	No	Yes	Yes
Paddle Switch	No	No	No	Yes	Yes	No	No

Switch Type	Slide Switch					Paddle Switch	
	Wheel Dia.	115mm	125mm		115mm	125mm	
Capacity	Hole Dia.	22.23mm					
	Thickness	6mm					
Spindle Thread	M14 x 2						
Battery Voltage	18V						
No Load Speed	AUTO Mode	5,500/min					
	Transmission Mode	8,000/min	3,200 - 8,000/min	8,000/min	3,200 - 8,000/min	8,000/min	
Overall Length	389mm						
Weight*1	3.0kg (with BSL1850MA)	3.0kg (with BSL1850MA)		2.7kg (with BSL1850MA)		3.1kg (with BSL36B18)*2	
	3.3kg (with BSL36B18)*2	3.4kg (with BSL36B18)*2		3.1kg (with BSL36B18)*2		3.5kg (with BSL36B18)*2	
Standard Accessories*3	2 Batteries (BSL1850MA), Charger (UC18YSL3), Side Handle, Wheel Guard, Cutting Guard Clip, Wrench, 2 Battery Covers, Carrying Case					2 Batteries (BSL1850MA), Charger (UC18YSL3), Side Handle, Wheel Guard, Wrench, 2 Battery Covers, Carrying Case	

*1. Weight according to EPTA-Procedure 01/2014.

*2. Sold separately.

*3. Standard accessories vary by country or area.

36V Cordless Disc Grinders **BRUSHLESS**

1,500W Max Output

Slide Switch



Wheel Dia.	115mm
Variable Speed	Yes



Wheel Dia.	125mm
Variable Speed	Yes



Wheel Dia.	125mm
Variable Speed	No



Wheel Dia.	150mm
Variable Speed	Yes

Paddle Switch



Wheel Dia.	125mm
Variable Speed	Yes



Wheel Dia.	125mm
Variable Speed	No



Wheel Dia.	150mm
Variable Speed	Yes

Specifications

Model	G 3612DVE	G 3613DVE	G 3613DE	G 3615DVE	G 3613DVF	G 3613DF	G 3615DVF
Kickback Protection	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Restart Protection	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Soft Start	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Variable Speed	Yes	Yes	No	Yes	Yes	No	Yes
Brake	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Slide Switch	Yes	Yes	Yes	Yes	No	No	No
Paddle Switch	No	No	No	No	Yes	Yes	Yes

Switch Type	Slide Switch			Paddle Switch		
	Wheel Dia.	115mm	125mm	150mm	125mm	
Capacity	Hole Dia.	22.23mm				
	Thickness	6mm				
Spindle Thread	M14 x 2					
Battery Voltage	36V					
No Load Speed	AUTO Mode	5,500/min				
	Transmission Mode	3,200 - 10,000/min	10,000/min	3,200 - 8,000/min	3,200 - 10,000/min	10,000/min
Overall Length	389mm					
Weight*1	3.1kg (with BSL36A18)	3.2kg (with BSL36A18)		3.1kg (with BSL36A18)		3.2kg (with BSL36A18)
	3.4kg (with BSL36B18)*2	3.5kg (with BSL36B18)*2		3.4kg (with BSL36B18)*2		3.5kg (with BSL36B18)*2
Standard Accessories*3	2 Batteries (BSL36A18), Charger (UC18YSL3), Side Handle, Wheel Guard, Cutting Guard Clip, Wrench, 2 Battery Covers, Carrying Case					

*1. Weight according to EPTA-Procedure 01/2014.

*2. Sold separately.

*3. Standard accessories vary by country or area.

Distributed by:

Koki Holdings Co., Ltd.

HIKOKI

UNLEASH the NEXT

Cordless Disc Grinders

36V G3612DVE / G3613DVE / G3613DE / G3615DVE / G3613DVF / G3613DF / G3615DVF

18V G1812DE / G1813DVE / G1813DE / G1813DVF / G1813DF / G1812DA / G1813DA



G 3613DVE

G 3613DVF

Max 1,500W Output
Powerful Grinding and Polishing

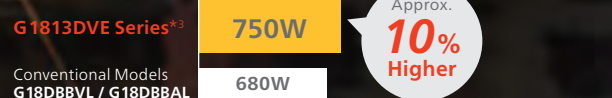
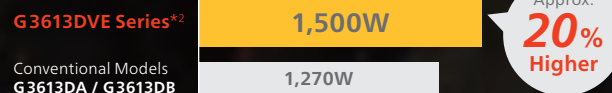
Powerful Grinding with 1,500W Max Output and Excellent Dust Resistance Makes the Toughest Jobs Easier

Max Output
36V Range*²
1,500W
18V Range*³
750W

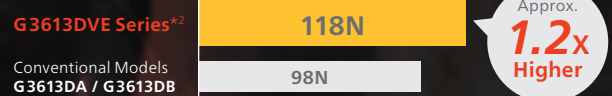
★ More Power and Higher Overload Capacity

The optimized motor control provides higher output power and higher overload capacity.

► Max Output*¹



► Overload Capacity*¹



★ Runtime per Charge (Using BSL36A18 battery)*¹

Concrete Scoring		Grinding	
36V	18V	36V	18V
Approx.	Approx.	Approx.	Approx.
7.4m	8.3m	7.4min	8.9min
Using a 125mm diamond wheel. Work Material: Concrete, Cutting Depth: 20mm, Thrust Power: 30N		Using a 125mm diamond wheel, Work Material: S5400, Thrust Power: 30N	

*1. The values shown are for reference purposes and may vary according to the workpiece materials and other operating conditions.

*2. G 3612DVE / G 3613DVE / G 3615DVE / G 3613DE / G 3612DVF / G 3615DVF / G 3613DF

*3. G 1812DA / G 1813DA / G 1813DVE / G 1812DE / G 1813DE / G 1813DVF / G 1813DF

*4. Not applicable to G 1810DA / G 1812DA / G 1813DA

A Variety of Features Designed for More Comfort and Better Control

Highly Durable Ball Bearings*⁴

The ball bearings are less exposed to dust, which lowers the risk of damage.

*5. Vs. the G 3610DA cordless grinder. The figure is for reference only.

2.5x More*⁵
Dust Resistant

Dust and Water Resistant Switch*⁴

The switch is laser-welded for increased protection against dust and water.

Maintenance Free & High Efficiency Brushless Motor

Longer Lifetime

The brushless motor offers a significantly extended product life cycle by eliminating trouble including armature burnout, layer short or commutator wear even in severe work environments.

No Carbon Brush Replacement Required

There is no hassle and no cost of carbon brush replacement.

BRUSHLESS

Designed for Maximum Ease of Use

'Continue To Run' Function*⁴

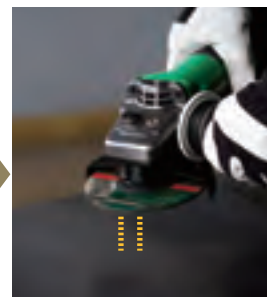
Not applicable to G 1810DA / G 1812DA / G 1813DA

Even after the motor has stopped due to overloading, it gets activated automatically if the load decreases within 1.5 seconds, so users do not have to restart the tool manually.

* The motor may not automatically restart when the kick-back protection is activated or for other safety reasons. In that case, the tool needs to be turned off and on manually.



Motor stops due to overloading.



Load drops within 1.5 seconds.



Motor starts running.

Small Grip Circumference

The lightweight and compact body with a slim grip and small head offers easy handling and efficient operation. As of November 2022. Among cordless disc grinders made by leading power tool manufacturers. (Survey by Koki Holdings.)



Variable Speed Control with Auto Mode

Variable speed control allows users to change the rotation speed between 3,200 and 10,000 RPM (G 3615DVE / DVF, G 1813DVE / DVF: 3,200 - 8000 RPM) to suit the application.

The speed automatically shifts between 5,500 and 10,000 RPM (G 3615DVE / DVF, G 1813DVE / DVF: 8000RPM), depending on the load, which results in more effective operation.

Dial Settings and No Load Speeds		
G 3610DVE / DVF, G 3612DVE / DVF, G 3613DVE / DVF		
Dial	No Load Speed (/min)	Use
1	3,200	Polishing, Finishing Removal of Paint or Coat, Removal of Rust, Removal of Burrs
2	3,900	
3	5,300	
4	7,400	Grinding Rough Grinding, Cutting
5	8,600	
6	10,000	Light Work, Standby State Grinding, Cutting
A	5,500	
Auto Mode	10,000	

Auto Mode Switch
Auto Mode turns on just by pressing its button.

Great Safety Features

Kickback Protection System

Monitors a sudden drop in the motor rotation speed and stops the motor quickly to reduce the reaction force (kickback).

Depending on operating conditions, the Kickback Protection System may not work or provide specified performance. Make sure that the workpiece is placed and supported properly, and that the main unit is held firmly during operation. Additionally, carefully read "KICKBACK AND RELATED WARNINGS" in the instruction manual.

Drop Shut off Function

When the tool has been dropped, a shock sensor senses the impact and shuts off the motor to prevent accidents. (Only applicable to DVE series)

Restart Protection

The motor does not restart after the power has been temporarily cut off during operation to avoid accidents.

Soft Start

Allows comfortable operation by reducing the reaction force on start up.

Electronic Brake*⁴

Stops the wheel within seconds when the trigger is released, so users can get back to work quickly without wasting time waiting around for the wheel to slow down.

Use only the wheel washer supplied.

Paddle Switch DVF / DF

Stops the wheel when released. For even more safety, the paddle switch cannot be pulled unless the lock-off lever is pushed down.

Dual LEDs

Only applicable to 36V models

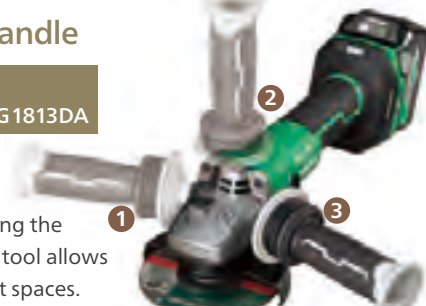
Dual LEDs illuminate both sides of the wheel for better visibility.



3 Position Side Handle

Not applicable to G 1810DA / G 1812DA / G 1813DA

The three-position side handle provides control in multiple positions. Fitting the side handle on top of the tool allows for easy operation in tight spaces.



Easy to Maintain Mesh Dust Filter

An easy to replace mesh filter provides additional protection from dust.

