



Cordless Angle Grinder Series

18V
LITHIUM-ION



VARIABLE SPEED CONTROL



Auto-start Wireless System



Switch on the tool



Vacuum cleaner is activated

AWS

Auto-start Wireless System

Compatible model:
DGA414, DGA464, DGA514,
DGA412, DGA462, DGA512,
DGA418, DGA468, DGA518



DGA512

Dust collecting wheel guard is optional accessory



**Cordless Vacuum Cleaner (Dry)
DVC864L**



BL MOTOR **HEPA filter**



Wireless unit is compatible with all supported tools

Wireless unit (Option)

198901-5
198900-7(EU)



Bluetooth®

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Expanding AWS Line-up





Variable speed control dial (3,000 - 8,500 RPM)

Match the speed to your application.

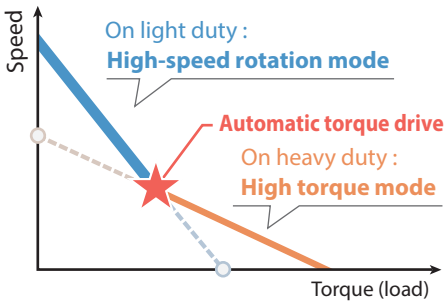


	No load speed (RPM)	Cutting / Rough grinding	Grinding / Finish grinding	Rust removal / Paint removal	Stainless steel polishing
1	3,000				●
2	4,500			●	●
3	6,000		●	●	●
4	7,500		●		
5	8,500	●			



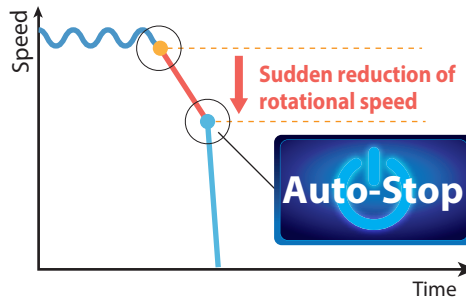
ADT

Automatic torque Drive Technology automatically changes the cutting speed according to load conditions for an optimum operation



AFT

Active Feedback sensing Technology Shuts down the tool, if the rotation speed suddenly slows down.



Electric brake

maximizes productivity and increases safety for operator



Extreme Protection Technology

is engineered for improved dust and water resistance

Accessories



Dust collecting wheel guard
115 - 125mm
196845-3



115 - 125mm
195238-1



Wheel cover for cut-off wheel
100mm : 122909-7
115mm : 122910-2
125mm : 122911-0,
122905-5(up to 180mm)



Anti Vibration soft grip
194514-0

Li-ion Battery, Charging Time Chart (approx): min.

18V LITHIUM-ION	BL1815N 1.5Ah	BL1820B 2.0Ah	BL1830B 3.0Ah	BL1840B 4.0Ah	BL1850B 5.0Ah	BL1860B 6.0Ah
DC18RC DC18RD Two port multi Fast Charger	15 min	24 min	22 min	36 min	45 min	55 min
DC18SD	30 min	45 min	60 min	90 min	110 min	130 min



Slide Switch Type

Standard equipment : Grinding Wheel, Wheel Cover, Side Grip, Lock Nut Wrench, Battery, Charger

	DGA414	DGA464	DGA514
	DGA413	DGA463	DGA513
Wheel Diameter	100 mm (4")	115 mm (4-1/2")	125 mm (5")
No Load Speed (RPM)	3,000 - 8,500	3,000 - 8,500	3,000 - 8,500
Vibration Level	Surface Grinding with Anti-Vibration Side Grip: 4.0 m/s ² Disc Sanding with Anti-Vibration Side Grip: 2.5 m/s ² or less	6.0 m/s ² 2.5 m/s ² or less	6.0 m/s ² 2.5 m/s ² or less
Sound Pressure Level	80 dB(A)	79 dB(A)	79 dB(A)
Dimensions (L x W x H)	with BL1815N / BL1820B: 368x117x147 mm (14-1/2"x4-5/8"x5-3/4") with BL1830B / BL1840B / BL1850B / BL1860B: 382x117x147 mm (15"x4-5/8"x5-3/4")	368x130x151 mm (14-1/2"x5-1/8"x5-15/16") 382x130x151 mm (15"x5-1/8"x5-15/16")	368x140x151 mm (14-1/2"x5-1/2"x5-15/16") 382x140x151 mm (15"x5-1/2"x5-15/16")
Net weight	DGA414: 2.2 - 2.8 kg (4.9 - 6.3 lbs.) DGA413: 2.2 - 2.8 kg (4.9 - 6.2 lbs.)	DGA464: 2.3 - 3.0 kg (5.2 - 6.7 lbs.) DGA463: 2.3 - 3.0 kg (5.1 - 6.7 lbs.)	DGA514: 2.4 - 3.0 kg (5.2 - 6.7 lbs.) DGA513: 2.4 - 3.0 kg (5.2 - 6.7 lbs.)

	DGA412	DGA462	DGA512
	DGA411	DGA461	DGA511
Wheel Diameter	100 mm (4")	115 mm (4-1/2")	125 mm (5")
No Load Speed (RPM)	3,000 - 8,500	3,000 - 8,500	3,000 - 8,500
Vibration Level	Surface Grinding with Anti-Vibration Side Grip: 4.0 m/s ² Disc Sanding with Anti-Vibration Side Grip: 2.5 m/s ² or less	6.0 m/s ² 2.5 m/s ² or less	6.0 m/s ² 2.5 m/s ² or less
Sound Pressure Level	80 dB(A)	79 dB(A)	79 dB(A)
Dimensions (L x W x H)	with BL1815N / BL1820B: 368x117x140 mm (14-1/2"x4-5/8"x5-1/2") with BL1830B / BL1840B / BL1850B / BL1860B: 382x117x140 mm (15"x4-5/8"x5-1/2")	368x130x145 mm (14-1/2"x5-1/8"x5-3/4") 382x130x145 mm (15"x5-1/8"x5-3/4")	368x140x145 mm (14-1/2"x5-1/2"x5-3/4") 382x140x145 mm (15"x5-1/2"x5-3/4")
Net weight	DGA412: 2.2 - 2.8 kg (4.8 - 6.1 lbs.) DGA411: 2.2 - 2.8 kg (4.8 - 6.1 lbs.)	DGA462: 2.3 - 3.0 kg (5.1 - 6.6 lbs.) DGA461: 2.3 - 3.0 kg (5.1 - 6.6 lbs.)	DGA512: 2.3 - 3.0 kg (5.2 - 6.6 lbs.) DGA511: 2.3 - 3.0 kg (5.1 - 6.6 lbs.)



Paddle Switch Type

Standard equipment : Grinding Wheel, Wheel Cover, Side Grip, Lock Nut Wrench, Battery, Charger

	DGA418	DGA468	DGA518
	DGA417	DGA467	DGA517
Wheel Diameter	100 mm (4")	115 mm (4-1/2")	125 mm (5")
No Load Speed (RPM)	3,000 - 8,500	3,000 - 8,500	3,000 - 8,500
Vibration Level	Surface Grinding with Anti-Vibration Side Grip: 4.5 m/s ² Disc Sanding with Anti-Vibration Side Grip: 2.5 m/s ² or less	5.0 m/s ² 2.5 m/s ² or less	5.5 m/s ² 2.5 m/s ² or less
Sound Pressure Level	80 dB(A)	80 dB(A)	79 dB(A)
Dimensions (L x W x H)	with BL1815N / BL1820B: 368x117x146 mm (14-1/2"x4-5/8"x5-3/4") with BL1830B / BL1840B / BL1850B / BL1860B: 382x117x146 mm (15"x4-5/8"x5-3/4")	368x130x151 mm (14-1/2"x5-1/8"x6") 382x130x151 mm (15"x5-1/8"x6")	368x140x151 mm (14-1/2"x5-1/2"x6") 382x140x151 mm (15"x5-1/2"x6")
Net weight	DGA418: 2.2 - 2.9 kg (5.0 - 6.3 lbs.) DGA417: 2.2 - 2.9 kg (4.9 - 6.3 lbs.)	DGA468: 2.4 - 3.1 kg (5.2 - 6.8 lbs.) DGA467: 2.4 - 3.1 kg (5.2 - 6.7 lbs.)	DGA518: 2.4 - 3.1 kg (5.3 - 6.8 lbs.) DGA517: 2.4 - 3.1 kg (5.2 - 6.7 lbs.)

Product Comparison List

Model No.			No load speed (rpm)	Switch	AWS	BL motor	AFT	ADT	Brake	XPT	Anti-restart function
100mm	115mm	125mm									
DGA414 NEW	DGA464 NEW	DGA514 NEW	3,000 - 8,500	Slide	●	●	●	●	●	●	●
DGA413 NEW	DGA463 NEW	DGA513 NEW	3,000 - 8,500	Slide		●	●	●	●	●	●
DGA412 NEW	DGA462 NEW	DGA512 NEW	3,000 - 8,500	Slide	●	●	●	●	●	●	●
DGA411 NEW	DGA461 NEW	DGA511 NEW	3,000 - 8,500	Slide		●	●	●	●	●	●
DGA406	DGA456	DGA506	8,500	Slide		●	●	●	●	●	●
DGA404	DGA454	DGA504	8,500	Slide		●	●	●	●	●	●
DGA418 NEW	DGA468 NEW	DGA518 NEW	3,000 - 8,500	Paddle	●	●	●	●	●	●	●
DGA417 NEW	DGA467 NEW	DGA517 NEW	3,000 - 8,500	Paddle		●	●	●	●	●	●
DGA408	DGA458	DGA508	8,500	Paddle		●	●	●	●	●	●
DGA405	DGA455	DGA505	8,500	Paddle		●	●	●		●	●

The weight may differ depending on the attachment(s), including the battery cartridge. The lightest and heaviest combination, according to EPTA-Procedure 01/2014, are shown in the table.

Items of standard equipment and specifications may vary by country or area.



Brushing Accessories



Bonded Abrasive Accessories



Coated Abrasive Accessories



Diamond Accessories

Makita Corporation

3-11-8 Sumiyoshi-cho, Anjo, Aichi, 446-8502 Japan

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