



# Cordless Angle Grinder

DGA406 / DGA456 / DGA506 Slide switch

DGA408 / DGA458 / DGA508 Paddle switch

100mm (4") / 115mm (4-1/2") / 125mm (5")

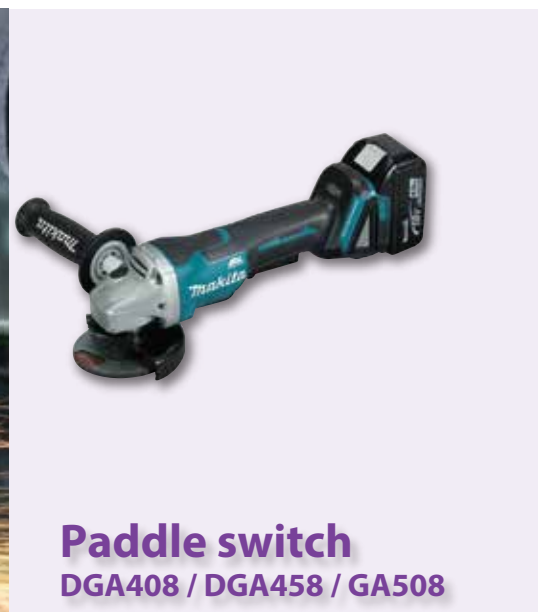


**Slide switch**  
DGA406 / DGA456 / DGA506

# Advanced User Protection

with Electric Brake and

Active Feedback sensing Technology



**Paddle switch**  
DGA408 / DGA458 / GA508

**BL** + **ADT**  
MOTOR Automatic torque Drive Technology  
Brushless DC Motor

as powerful as AC model

## Electronic brake braking time (With diamond wheel)



**1 sec**

Depressed center wheel,  
Diamond wheel

**DGA508 1s**

**Competitor "M" 1.5s**

Abrasive cut-off wheel

**DGA508 0.7s**

**Competitor "M" 0.7s**

0.5s 1s 1.5s

## Anti-restart function

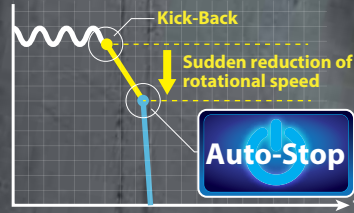
The motor does not start up if battery is inserted with the switch slid to "on".

## Smart function to minimize the danger of kick-back

# AFT

Active Feedback sensing Technology

Shuts down the tool to protect the user, if the rotation speed suddenly slows down (e.g., kick-back).



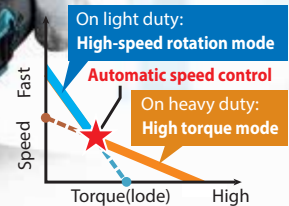
Note: The function of AFT is not to prevent the occurrence of kickback.

## Equipped with automatic speed control

# ADT

Automatic torque Drive Technology

Automatically changes the cutting speed according to load condition for an optimum operation



# BL MOTOR

Brushless DC Motor

# XPT

EXTREME PROTECTION TECHNOLOGY

## Power by 18V Li-ion battery



BL1850B

with Battery fuel gauge

BL1860B: 6.0Ah    BL1830B: 3.0Ah  
BL1850B: 5.0Ah    BL1820B: 2.0Ah  
BL1840B: 4.0Ah    \*BL1815N: 1.5Ah

(\*without Battery fuel gauge)

## Charger

Fast Charger DC18RC



Charger DC18SD



## Accessory

Dust collecting wheel guard  
(For DGA506, DGA508)



Part No. 196845-3  
Part No. vary by country or area

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**DGA406/ DGA408** 100mm (4")    **DGA456/ DGA458** 115mm (4-1/2")    **DGA506/ DGA508** 125mm (5")

	Slide switch			Paddle switch		
	DGA406	DGA456	DGA506	DGA408	DGA458	DGA508
<b>Wheel diameter</b>	100mm (4")	115mm (4-1/2")	125mm (5")	100mm (4")	115mm (4-1/2")	125mm (5")
<b>No load speed (rpm)</b>	8,500	8,500	8,500	8,500	8,500	8,500
<b>Dimensions (L x W x H)</b>	362x117x146mm (14-1/4"x4-5/8"x5-3/4")	362x130x151mm (14-1/4"x5-1/8"x5-15/16")	362x140x151mm (14-1/4"x5-1/2"x5-15/16")	362x117x146mm (14-1/4"x4-5/8"x5-3/4")	362x130x151mm (14-1/4"x5-1/8"x5-15/16")	362x140x151mm (14-1/4"x5-1/2"x5-15/16")
<b>Net weight</b>	BL1850B: 2.5kg (5.4lbs) BL1815N: 2.2kg (4.9lbs)	BL1850B: 2.6kg (5.7lbs) BL1815N: 2.3kg (5.1lbs)	BL1850B: 2.6kg (5.7lbs) BL1815N: 2.3kg (5.2lbs)	BL1850B: 2.5kg (5.5lbs) BL1815N: 2.2kg (4.9lbs)	BL1850B: 2.6kg (5.8lbs) BL1815N: 2.4kg (5.2lbs)	BL1850B: 2.6kg (5.8lbs) BL1815N: 2.4kg (5.2lbs)

Brake    Carrying Case    Soft Start

**Standard Equipment:** Fast Charger, Battery Cartridge, Depressed Center Grinding Wheel, Lock Nut Wrench, Side Grip

weight according to EPTA-Procedure 01/ver.2.1  
Items of standard equipment and specifications may vary by country or area.

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PRINTED IN JAPAN 201605