



Cordless Driver Drill Cordless Hammer Driver Drill DDF490 13 mm (1/2") / DHP490 13 mm (1/2")

Satisfy Professional's Needs



The maximum torque of
65 N·m with a powerful
brushless motor

Photo: DDF490

Cordless Driver Drill

DDF490

Action modes



Drilling



Screwdriving



Cordless Hammer Driver Drill

DHP490

Action modes



Drilling



Hammer drilling



Screwdriving



*Except when the BLB182 battery is installed

Lightweight and compact, easy to handle even in narrow spaces

**BL
MOTOR**

Lightweight at

1.4 kg

With BLB182 battery,
BL1815N battery

Compact overall length

DDF490: 167mm, DHP490: 172mm
Predecessor Model: 169mm, 182mm

Mechanical 2-speed

High speed for light duty:
0 - 1,900 min⁻¹
Low speed for heavy duty:
0 - 500 min⁻¹

Single sleeve keyless chuck

allows for easy bit installation/removal
with one hand.

Capacity of drill chuck

1.5 mm (1/16") - 13 mm (1/2")

LED job light

Single LED with preglow and afterglow functions



Variable speed control by trigger

allows for speed adjustments based
on the material or application.

20-stage torque settings

allow for fine adjustments to
suit the task at hand.

Hook can be attached
(Optional accessories)

Short: part No. 346449-3
Standard: part No. 346317-0



XPT*

*Except when the BLB182
battery is installed



Photo: DDF490

Charging Time

	Fast Charging DC18RC	DC18SD
BL1815N 1.5Ah 196449-1	15 min	30 min
BL1820B 2.0Ah 197254-9	24 min	45 min
BL1830B 3.0Ah 197599-5	22 min	60 min
BL1850B 5.0Ah 197280-8	45 min	110 min
BL1860B 6.0Ah 197422-4	55 min	130 min

Cordless Driver Drill

Cordless Hammer Driver Drill

DDF490 13 mm (1/2")

DHP490 13 mm (1/2")

	DDF490	DHP490
Variable Speed	No load speed High: 0 - 1,900 min ⁻¹ Low: 0 - 500 min ⁻¹	High: 0 - 1,900 min ⁻¹ Low: 0 - 500 min ⁻¹
Brake	-	High: 0 - 28,500 min ⁻¹ Low: 0 - 7,500 min ⁻¹
Reversing	Capacity	Steel: 13 mm (1/2") Wood: 38 mm (1-1/2")
Mechanical 2-Speed	-	Steel: 13 mm (1/2") Wood: 38 mm (1-1/2") Masonry: 13 mm (1/2")
Keyless Chuck	Max torque Hard: 50 N-m (440 in.lbs.) Soft: 27 N-m (240 in.lbs.)	Hard: 50 N-m (440 in.lbs.) Soft: 27 N-m (240 in.lbs.)
Torque Setting 20	Chuck capacity 13 mm (1/2")	13 mm (1/2")
Built-in Job Light	Vibration level** Drilling into metal: 2.5 m/s ² or less Vibration K factor** 1.5 m/s ²	Impact drilling into concrete: 8.1 m/s ² 1.5 m/s ²
Carrying Case	Sound pressure level** 78 dB(A) Sound power level** - Noise K factor** 3 dB(A) Dimensions(L x W x H) 167 x 81 x 237 mm (6-9/16 x 3-3/16 x 9-3/8")	88 dB(A) 96 dB(A) 3 dB(A) 172 x 81 x 237 mm (6-3/4 x 3-3/16 x 9-3/8")
Standard Equipment:	Hand strap, Battery, Charger	BL1820B BL1820B
**EN62841-2-1	Net weight 1.4 - 1.7 kg (3.1 - 3.7 lbs.) Net weight (Battery) BL1815N - BL1860B	1.4 - 1.7 kg (3.1 - 3.7 lbs.) BL1815N - BL1860B

The weight may differ depending on the attachment(s), including the battery cartridge.
The lightest and heaviest combination are shown in the table.

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

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