



# Cordless Driver Drill Cordless Hammer Driver Drill



**More Compact  
Lighter**  
and New designed Grip



**Cordless Driver Drill**

**Cordless Hammer Driver Drill**



**18V  
LITHIUM-ION**

**BDF456**

**14.4V  
LITHIUM-ION**

**BDF446**

**18V  
LITHIUM-ION**

**BHP456**

**14.4V  
LITHIUM-ION**

**BHP446**

# Best possible ergonomic handle

**Compact :** 192mm (7-9/16") BDF456, BDF446  
206mm (8-1/8") BHP456, BHP446

## All metal gear construction

Ensures high transmission durability.

## Single sleeve keyless chuck

Allows for easy bit installation/removal with a hand.

## LED Job Light with afterglow function

Light can be turned on before tool starts by pulling the trigger slightly.



## Variable speed control by trigger

## Battery

**BDF456, BHP456:**  
Higher capacity battery  
BL1830 18V 3.0Ah



**Lightweight battery**  
BL1815 18V 1.3Ah



**BDF446, BHP446:**  
Higher capacity battery  
BL1430 14.4V 3.0Ah



## Charger

**Fast Charging**

**DC18RA**  
**DC18RC**

Charging time  
BL1815: 15minutes  
BL1830, BL1430: 22minutes



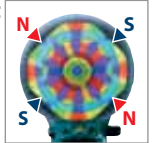
**DC18SD**

Charging time  
BL1815: 30minutes  
BL1830, BL1430: 60minutes



## Mechanical 2-speed gearing

## High power-to-weight ratio obtained by employing 4-pole motor



## Ergonomically designed handle

In order to provide maximum thrust to the bit, the top back of the handle is ergonomically contoured and widened according to the U-shape formed between user's thumb and index finger.

Ribbed rubber grip enables all finger tips to hold the handle securely against the strong rotational force of counter torque even in single-handed operation.

## Redesigned, compact belt clip for use with 3.0Ah Li-ion battery

## Redesigned plastic carrying case

- Easy to grip large carrying handle for added transport comfort
- Large latches for easy opening/closing
- Stackable design for stable and space saving storage of multiple carrying cases



Photo: BDF446

## Cordless Driver Drill

	Variable Speed		Built-in Job Light		Carrying Case
	Electric Brake		Reversing		Mechanical 2-Speed
	Keyless Chuck		Torque Setting 16		



## BDF456, BDF446 13mm (1/2")

440

	BDF456	BDF446
<b>Capacity</b>	<b>Steel:</b> 13mm (1/2") <b>Wood:</b> 38mm (1-1/2")	<b>Steel:</b> 13mm (1/2") <b>Wood:</b> 38mm (1-1/2")
<b>No load speed (rpm)</b>	<b>Hi:</b> 0-1,500 <b>Lo:</b> 0-400	<b>Hi:</b> 0-1,500 <b>Lo:</b> 0-400
<b>Max. fastening torque</b>	<b>Hard / Soft:</b> 50 / 36N.m	<b>Hard / Soft:</b> 44 / 30N.m
<b>Dimensions (L x W x H)</b>	192 x 79 x 251mm (7-9/16" x 3-1/8" x 9-7/8")	192 x 79 x 251mm (7-9/16" x 3-1/8" x 9-7/8")
<b>Net weight*</b>	1.5kg (3.3lbs)	1.7kg (3.7lbs)
<b>Voltage</b>	18V	14.4V

**Standard Equipment** Fast Charger, Battery Cartridge, (+) (-) Bit

## Cordless Hammer Driver Drill

	Variable Speed		Built-in Job Light		Carrying Case
	Electric Brake		Reversing		Mechanical 2-Speed
	Keyless Chuck		Torque Setting 16		



## BHP456, BHP446 13mm (1/2")

440

	BHP456	BHP446
<b>Capacity</b>	<b>Steel:</b> 13mm (1/2") <b>Wood:</b> 38mm (1-1/2") <b>Masonry:</b> 13mm (1/2")	<b>Steel:</b> 13mm (1/2") <b>Wood:</b> 38mm (1-1/2") <b>Masonry:</b> 13mm (1/2")
<b>Impacts per minute (ipm)</b>	<b>Hi:</b> 0-22,500 <b>Lo:</b> 0-6,000	<b>Hi:</b> 0-22,500 <b>Lo:</b> 0-6,000
<b>No load speed (rpm)</b>	<b>Hi:</b> 0-1,500 <b>Lo:</b> 0-400	<b>Hi:</b> 0-1,500 <b>Lo:</b> 0-400
<b>Max. fastening torque</b>	<b>Hard / Soft:</b> 50 / 36N.m	<b>Hard / Soft:</b> 44 / 30N.m
<b>Dimensions (L x W x H)</b>	206 x 79 x 251mm (8-1/8" x 3-1/8" x 9-7/8")	206 x 79 x 251mm (8-1/8" x 3-1/8" x 9-7/8")
<b>Net weight*</b>	1.6kg (3.4lbs)	1.7kg (3.8lbs)
<b>Voltage</b>	18V	14.4V

**Standard Equipment** Fast Charger, Battery Cartridge, (+) (-) Bit

\*weight according to EPTA-Procedure 01/2003

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

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PRINTED IN JAPAN BB-AI