

Cordless Percussion Driver Drill

BHP440, BHP450

436

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



14.4V: BHP440

18V: BHP450



● Fast Charger, Battery Cartridge (2pcs.), +Bit (2pcs.)

	BHP440	BHP450
Capacity	Steel 13mm (1/2")	13mm (1/2")
	Wood 27mm (1-1/16")	27mm (1-1/16")
	Masonry 13mm (1/2")	13mm (1/2")
Blows per minute / No load speed	Hi: 0-21,000 / 0-1,400rpm Lo: 0-6,000 / 0-400rpm	Hi: 0-21,000 / 0-1,400rpm Lo: 0-6,000 / 0-400rpm
Max. fastening torque	Hard / Soft : 41 / 25N.m	Hard / Soft : 41 / 25N.m
Dimensions (L x W x H)	204 x 79 x 242mm (8" x 3-1/8" x 9-1/2")	204 x 79 x 244mm (8" x 3-1/8" x 9-5/8")
Net weight	1.7kg (3.7lbs)	1.8kg (4.0lbs)
Voltage	14.4V	18V

Cordless Percussion Driver Drill

BHP441, BHP451

436

- Mechanical 3-Speed
- Variable Speed
- Reversing
- Keyless Chuck
- Electric Brake
- Torque Setting 16
- Carrying Case
- Built-in Job Light



14.4V: BHP441

18V: BHP451



● Fast Charger, Battery Cartridge (2pcs.), +Bit (2pcs.), Side Grip, Depth Rod

	BHP441	BHP451
Capacity	Steel 13mm (1/2")	13mm (1/2")
	Wood 50mm (2")	65mm (2-9/16")
	Masonry 14mm (9/16")	16mm (5/8")
Blows per minute / No load speed	3rd: 0-25,500 / 0-1,700rpm 2nd: 0-9,000 / 0-600rpm 1st: 0-4,500 / 0-300rpm	3rd: 0-25,500 / 0-1,700rpm 2nd: 0-9,000 / 0-600rpm 1st: 0-4,500 / 0-300rpm
Max. fastening torque	Hard / Soft : 70 / 32N.m	Hard / Soft : 80 / 40N.m
Dimensions (L x W x H)	250 x 78 x 255mm (9-7/8" x 3-1/16" x 10")	250 x 78 x 257mm (9-7/8" x 3-1/16" x 10-1/8")
Net weight	2.1kg (4.6lbs)	2.2kg (4.9lbs)
Voltage	14.4V	18V

Cordless Driver Drill

BDF440, BDF450

436

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



14.4V: BDF440

18V: BDF450



● Fast Charger, Battery Cartridge (2pcs.), +Bit (2pcs.)

	BDF440	BDF450
Capacity	Steel 13mm (1/2")	13mm (1/2")
	Wood 27mm (1-1/16")	27mm (1-1/16")
No load speed	Hi: 0-1,400rpm Lo: 0-400rpm	Hi: 0-1,400rpm Lo: 0-400rpm
Max. fastening torque	Hard / Soft : 41 / 25N.m	Hard / Soft : 41 / 25N.m
Dimensions (L x W x H)	186 x 79 x 242mm (7-3/8" x 3-1/8" x 9-5/8")	186 x 79 x 244mm (7-3/8" x 3-1/8" x 9-5/8")
Net weight	1.6kg (3.5lbs)	1.7kg (3.7lbs)
Voltage	14.4V	18V

Cordless Driver Drill

BDF441, BDF451

436

- Mechanical 3-Speed
- Variable Speed
- Reversing
- Keyless Chuck
- Electric Brake
- Torque Setting 16
- Carrying Case
- Built-in Job Light



14.4V: BDF441

18V: BDF451



● Fast Charger, Battery Cartridge (2pcs.), +Bit (2pcs.), Side Grip

	BDF441	BDF451
Capacity	Steel 13mm (1/2")	13mm (1/2")
	Wood 50mm (2")	65mm (2-9/16")
No load speed	3rd: 0-1,700rpm 2nd: 0-600rpm 1st: 0-300rpm	3rd: 0-1,700rpm 2nd: 0-600rpm 1st: 0-300rpm
Max. fastening torque	Hard / Soft : 70 / 32N.m	Hard / Soft : 80 / 40N.m
Dimensions (L x W x H)	238 x 78 x 255mm (9-3/8" x 3-1/16" x 10")	238 x 78 x 257mm (9-3/8" x 3-1/16" x 10-1/8")
Net weight	2.0kg (4.4lbs)	2.1kg (4.6lbs)
Voltage	14.4V	18V

Items of standard equipment and specifications may differ from country to country.



Cordless Percussion Driver Drill

BHP440, BHP441 BHP450, BHP451

Cordless Driver Drill

BDF440, BDF441 BDF450, BDF451



MAKSTAR LITHIUM-ION

LIGHTWEIGHT & COMPACT

MAKITA 14.4V, 18V Ni-MH 3.0Ah

40% lighter

MAKITA 14.4V, 18V Li-ion 3.0Ah

- ANYTIME CHARGE NO MEMORY EFFECT
- LONGTIME STORAGE LOW SELF DISCHARGE
- SHOCK ABSORBING HEAVY DUTY PACK
- FIRM HOLDING MULTI CONTACT

MAKSTAR Battery Checker

MAKSTAR Battery Checker detects the number of charges, and diagnoses the condition of MAKSTAR Ni-MH/ Li-ion batteries. This equipment reads the history of the battery from the built-in CPU, finds how the operator treated the battery, and gives the right advice to **MAXIMIZE THE LIFE OF THE BATTERY.**

* It can be also used for simple-checking conventional Makita batteries, using the adapter which is included with the Battery Checker.
 * PC is not included in the set.
 * Battery Checker works with Makita Makstar charger DC245A, DC245C and a PC.

EXTREME COMPACT BODY

Model BHP440, BHP450
BDF440, BDF450

← 186mm →



Makita's predecessor model

LIGHTWEIGHT

1.6kg BDF440



Photo: BDF450

Photo: BDF451



EXTREME TORQUE

Model BHP441, BHP451
BDF441, BDF451

Robust Aluminum Gear Housing

3-Speed Metal Gear

MAX. TORQUE

80N.m Hard Joint, 40N.m Soft Joint
BHP451, BDF451



Photo : BDF451

EXTREME LIGHTWEIGHT + COMPACT BODY



:: MAKSTAR light weight and compact Lithium-ion battery



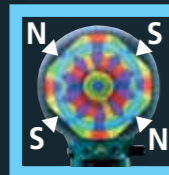
:: Makita's original light weight and compact Four-Pole Motor



EXTREME POWER



:: 14.4V, 18V high power Lithium-ion battery



:: Makita's original powerful "Four-Pole" Direct Current high density Magnet Motor



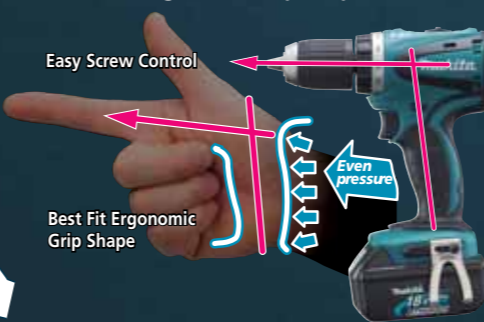
EXTREME ERGONOMICS



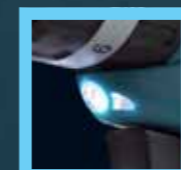
:: Best Fit Ergonomic Grip Shape



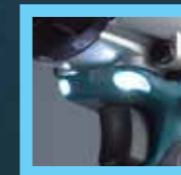
:: Best Fit Ergonomic Grip Shape



EXTREME BEAM



:: LED Job Light can be illuminated without running motor.
:: BHP440/450 BDF440/450



:: BHP441/455 BDF441/451

EXTREME BELT CLIP



EXTREME CHUCK



:: Single Sleeve Keyless Chuck
:: allows for easy bit installation /removal with one hand.

EXTREME CASE



with bits & fixings compartment

:: Part No.824953-5 BHP440/450, BDF440/450
:: Part No.824754-3 BHP441/455, BDF441/451
* bits & fixings are not included in the set

EXTREME STAMINA

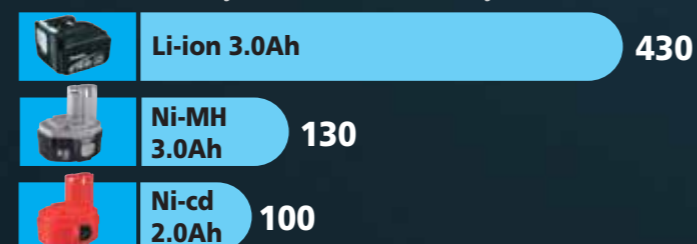
Life time work volume

430%

in comparison with Makita Ni-cd 2.0Ah batteries

LITHIUM-ION

Total Power Delivery Amount of each battery's service lifetime



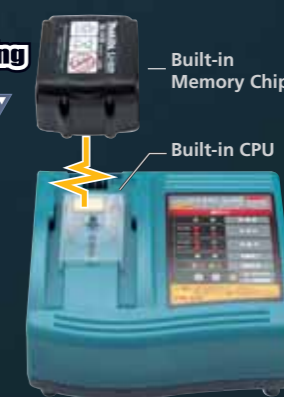
The numbers in the chart are relative values when the amount of Ni-cd 2.0Ah is indexed at 100.

Only Achieved with...

MAKSTAR Charger's Optimum Charging System

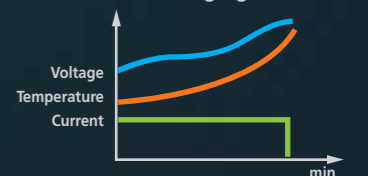
- :: Communicates with individual battery.
- :: Recognizes ID of battery and its history.
- :: Analyzes its condition ; Battery may have been abused by heat or over-discharging, or weakened by cycle age.
- :: Charges optimum and gentle way with Active 3 Controls ; Active Current Control Active Thermal Control Active Voltage Control
- :: Knows how to look after each MAKSTAR battery to **MAXIMIZE CYCLE LIFE + WORK VOLUME.**

Optimum Charging System



:: Cools down inside battery.

Traditional Charging Method



MAKSTAR Charger's Optimum Charging System

