

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.

MAKSTAR LITHIUM-ION

LIGHTWEIGHT & COMPACT

40% lighter

MAKITA 14.4V, 18V Ni-MH 3.0Ah

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.



Cordless Percussion Driver Drill

BHP440, BHP441 BHP450, BHP451

Cordless Driver Drill

BDF440, BDF441 BDF450, BDF451



EXTREME COMPACT BODY

Model BHP440, BHP450
BDF440, BDF450

← 186mm →



LIGHTWEIGHT
1.6kg BDF440



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



EXTREME LIGHTWEIGHT + COMPACT BODY

EXTREME POWER

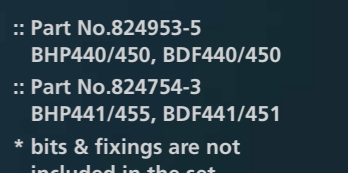
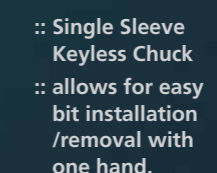
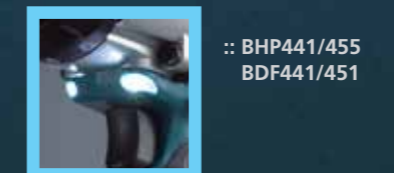
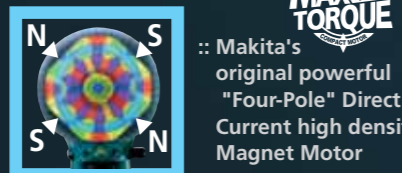
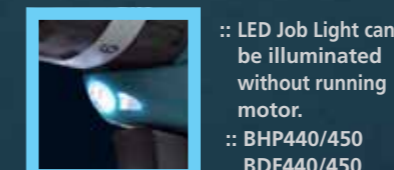
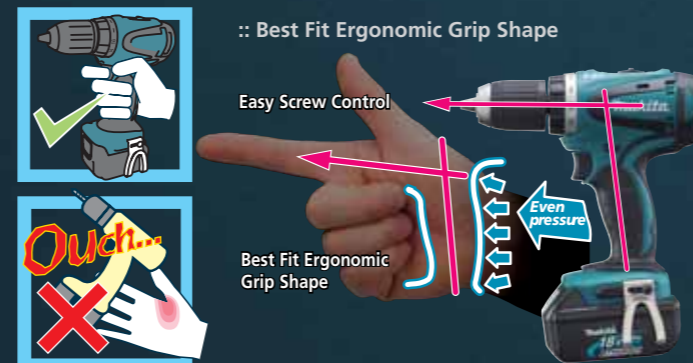
EXTREME ERGONOMICS

EXTREME BEAM

EXTREME BELT CLIP

EXTREME CHUCK

EXTREME CASE



EXTREME STAMINA

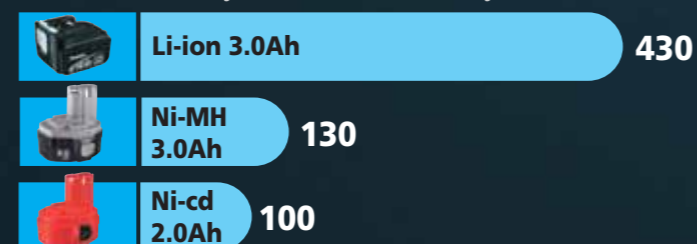
Life time work volume

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.

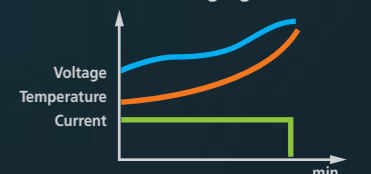
Only Achieved with... MAKSTAR Charger's Optimum Charging System

- :: 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.**

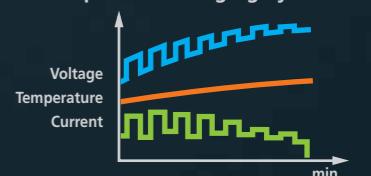


:: Cools down inside battery.

Traditional Charging Method



MAKSTAR Charger's Optimum Charging System



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