



## Cordless Angle Grinders

BGA450 115mm (4-1/2")



BGA452 115mm (4-1/2")



Satisfy Professional's Needs

# Powerful Angle Grinders Now Free from Cord



# LITHIUM-ION

# Capable of Using Wheels / Discs for AC Grinders

**10,000**  
rpm

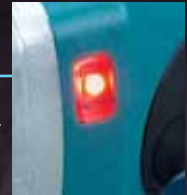
## Easy-to-Grip, Small Circumference Motor Housing



Soft grip for enhanced hand comfort

## Anti-Restart Function for Safety (with Warning Lamp)

The motor does not start up if battery is inserted with the switch slid to "on". In this case, the lamp starts blinking slowly, indicating that the Anti-restart function is on, and can be turned off by sliding the switch to "off".



## Electronic Current Limiter (with Warning Lamp)

- Enables to do continuous operation while controlling the load to the motor; When overloaded, the warning lamp turns on. If you try to continue operation with the motor overloaded, the electronic current limiter automatically shuts off the current to protect the motor from overheating.
- Also reminds you to replace battery; The lamp turns on earlier than usual when remaining battery capacity decreases below a certain limit.

### Cordless Angle Grinders



BGA450

BGA452

- Electronic speed control
- Carrying Case

Fast Charger, Battery Cartridge, Depressed Center Grinding Wheel, Lock Nut Wrench, Grip

### BGA450 / BGA452 115mm (4-1/2")

430

Capacity	Depressed center wheel : 115mm (4-1/2")
	Abrasive disc : 115mm (4-1/2")
	Diamond wheel : 115mm (4-1/2")
No load speed	10,000rpm
Dimensions (L x W x H)	317mm x 129mm x 111 mm (BGA450) (12-1/2" x 5-1/8" x 4-3/8")
	317mm x 129mm x 126 mm (BGA452) (12-1/2" x 5-1/8" x 5")
Net weight	1.8kg (BGA450), 1.9kg (BGA452) <i>without Wheel, Wheel cover, Inner flange and Lock nut</i>
Voltage	14.4V (BGA450) 18V (BGA452)

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

## EXTREME STAMINA

Life time work volume

**430%**

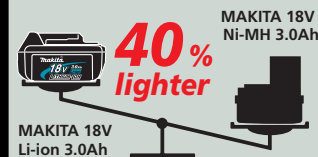
in comparison with Makita Ni-cd 2.0Ah batteries

Total Power Delivery Amount  
of each battery's service lifetime

	Li-ion 3.0Ah	<b>430</b>
	Ni-MH 3.0Ah	130
	Ni-cd 2.0Ah	100

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

## LIGHTWEIGHT & COMPACT



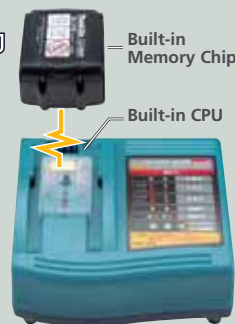
**40%**  
lighter

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

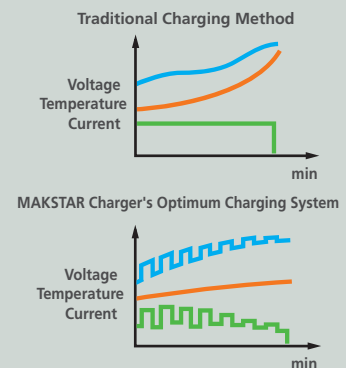
430% Only Achieved with...

## 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.



Makita Corporation

3-11-8, Sumiyoshi-cho, Anjo, Aichi 446-8502, Japan

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