CATALOG

2025

# JOHNSWELL®

## PROFESSIONAL BRUSHLESS TOOLS




QUICK

HIGH-TORQUE

EFFICIENT

JOHNSWELL®



# WELCOME TO JOHNSWELL

Headquartered in Taoyuan, Taiwan, we have 40 years of expertise in tool design and manufacturing, specializing in customized solutions for globally renowned brands.

With our brands JOHNSWELL and ECOPRO, backed by patents and certifications, we deliver innovative, high-quality tools that meet diverse needs. Our customer-first philosophy drives us to advance the industry.

Our R&D team pushes technological boundaries, creating groundbreaking products like cordless drills, precision saws, and impact drivers. Combining decades of experience with cutting-edge technology, we set new standards in performance and reliability. Every tool undergoes rigorous testing to ensure exceptional quality. Designed with ergonomics and ease of use in mind, our tools enhance your skills and productivity.













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## Brushless Drill

### EP-DZ8001

**BASIC SPECIFICATIONS**

**Voltage**：DC-12V

**Chuck Size**：3/8” (10mm)

**Max. Torque**：30 Nm/ 22 Ft-Lb

**Free Speed**：
L:350 RPM
H:1,250 RPM

**Torque Setting**：20+1

**Weight**：0.8 kgs / 1.77 lbs




**FEATURES**

- ▶ 3/8”(10mm) detachable chuck.
- ▶ 12V brushless 20-stage dual-speed adjustable torque drill.
- ▶ Light weight and ergonomic handle design for user comfort.

## Brushless Hammer Drill

### EP-DH8105

**BASIC SPECIFICATIONS**

**Voltage**：DC-20V

**Chuck Size**：1/2” (13mm)

**Max. Torque**：135 Nm/ 100 Ft-Lb

**Free Speed**：
L:500 RPM
H:2,000 RPM

**Torque Setting**：
20+1 with 3 functions

**Net Weight**：
1.43 kgs / 3.15 lbs (w/o battery)




**FEATURES**

- ▶ 1/2”(13mm) detachable chuck.
- ▶ Stepless variable speed switch.
- ▶ Light weight and ergonomic handle design for user comfort.

## Brushless Driver

### EP-DZ8002

**BASIC SPECIFICATIONS**

**Voltage :** DC-12V

**Chuck Size :** 1/4” (6mm) Hex.

**Max. Torque :** 30 Nm/ 22 Ft-Lb

**Free Speed :**
L:350 RPM
H:1,250 RPM

**Torque Setting :** 20+1




**FEATURES**

- ▶ 12V brushless 20-stage dual-speed adjustable torque driver.
- ▶ Light weight and ergonomic handle design for user comfort.

## 8 Torque Settings Screwdriver

### EP-TSC123

**BASIC SPECIFICATIONS**

**Voltage / Capacity :** 3.6V / 2000mAh

**No load speed :** 0-320 RPM

**Torque :** 5 / (0.15-3) Nm

**Manual Maximum Torque :** 10 Nm / 7.38 Ft-Lb

**Charging Port :** Type C

**Torque Adjustment :** 1-8 stage

**Dimensional Size :** 195 x 39 x 39 mm

**Weight :** 270g

NEW




**FEATURES**

- ▶ 8 torque settings - The 8-position clutch allows precise torque adjustment.
- ▶ Universal magnetic bit holder - Securely holds any ¼” hex screwdriver bit for versatile use.
- ▶ LED ring light - Functions as a work light.
- ▶ Built-in battery with TYPE-C charging port design.

## Brushless Impact Driver

### EP-DI8302

**BASIC SPECIFICATIONS**

**Voltage**：DC-20V

**Bit Size**：1/4”(6mm) Hex.

**Max. Torque**：200 Nm / 147 Ft-Lb

**Free Speed**：
L:1,000 RPM / M:1,900 RPM
H:3,200 RPM / S:2,700 RPM

**Impact/Min.**：
L:3,070 IPM / M:3,200 IPM
H:4,300 IPM

**Net Weight**：
1.04 kgs / 2.29 lbs (w/o battery)




**FEATURES**

- ▶ 3 speed/torque.
- ▶ 137mm compact size, Smart reverse.
- ▶ Stepless variable speed switch.

## Brushless Impact Wrench

### EP-DW8451

**BASIC SPECIFICATIONS**

**Voltage**：DC-20V

**Square Drive**：1/2” (13mm) Friction Ring

**Max. Torque**：400 Nm / 295 Ft-Lb

**Free Speed**：
L:1,000 RPM / M:2,200 RPM
H:3,500 RPM / Smart Reverse

**Impact/Min.**：
L:2,000 IPM / M:3,200 IPM
H:4,300 IPM

**Max. Bolt Diameter**：M20

**Net Weight**：
1.05 kgs / 2.31 lbs (w/o battery)




**FEATURES**

- ▶ 400 Nm (295 ft-lb) max torque, 3 speed / torque adjustment.
- ▶ Excellent shock absorption design.
- ▶ Smart reverse mode.
- ▶ Stepless variable speed switch.

# Brushless Impact Wrench

## EP-DW8452

### BASIC SPECIFICATIONS

**Voltage :** DC-20V

**Square Drive :** 1/2” (13mm) Friction Ring

**Max. Torque :**
800 Nm / 590 Ft-Lb
(900 Nm / 664 Ft-Lb Reverse )

**Free Speed :**
L:1,050 RPM / M:1,650 RPM
H:2,500 RPM / Smart Reverse

**Impact/Min. :**
L:1,300 IPM / M:1,850 IPM
H:2,900 IPM / S:2,900 IPM

**Max. Bolt Diameter :** M24

**Net Weight :**
1.72 kgs / 3.78 lbs (w/o battery)




### FEATURES

- ▶ 800 Nm (590 ft-lb) max torque, 3 speed / torque adjustment.
- ▶ Excellent shock absorption design.
- ▶ Smart reverse mode.
- ▶ Stepless variable speed switch.

# Brushless High Torque Impact Wrench

## EP-DW8455

### BASIC SPECIFICATIONS

**Voltage :** DC-20V

**Square Drive :** 1/2” (13mm) Friction Ring

**Max. Torque :**
1,000 Nm / 737 Ft-Lb
(1,200 Nm / 885 Ft-Lb Reverse )

**Free Speed :** 1,800 RPM

**Impact/Min. :** 2,400 IPM

**Torque Setting :**
Model 1 : 100 Nm / 74 Ft-Lb
Model 2 : 300 Nm / 221 Ft-Lb
Model 3 : 700 Nm / 516 Ft-Lb
Model 4 :1,000 Nm / 737 Ft-Lb
Model 5 : Smart Reverse

**Max. Bolt Diameter :** M24

**Net Weight :** 2.90 kgs / 6.38 lbs (w/o battery)




### FEATURES

- ▶ 1,000 Nm (737 ft-lb) max torque, 4 speed / torque adjustment.
- ▶ Excellent shock absorption design.
- ▶ Smart reverse mode.
- ▶ Stepless variable speed switch.

# Brushless High Torque Impact Wrench

## EP-DW8456

### BASIC SPECIFICATIONS

**Voltage :** DC-20V

**Square Drive :** 3/4" (19mm) Friction Ring

**Max. Torque :**
1,060 Nm / 782 Ft-Lb
(1,200 Nm / 885 Ft-Lb Reverse )

**Free Speed :** 1,800 RPM

**Impact/Min. :** 2,400 IPM

**Torque Setting :**
Model 1 : 106 Nm / 78 Ft-Lb
Model 2 : 320 Nm / 236 Ft-Lb
Model 3 : 740 Nm / 546 Ft-Lb
Model 4 :1,060 Nm / 782 Ft-Lb
Model 5 : Smart Reverse

**Max. Bolt Diameter :** M24

**Net Weight :** 2.95 kgs / 6.5 lbs (w/o battery)




### FEATURES

- ▶ 1,060 Nm (782 ft-lb) max torque, 4 speed / torque adjustment.
- ▶ Excellent shock absorption design.
- ▶ Smart reverse mode.
- ▶ Stepless variable speed switch.

# Brushless High Torque Impact Wrench

## EP-DW8457

### BASIC SPECIFICATIONS

**Voltage :** DC-20V

**Square Drive :** 3/4" (19mm) Friction Ring

**Max. Torque :**
1,750 Nm / 1,291 Ft-Lb

**Free Speed :** 1,600 RPM

**Impact/Min. :** 2,100 IPM

**Max. Bolt Diameter :** M33

**Net Weight :**
3.75 kgs / 8.27 lbs (w/o battery)




### FEATURES

- ▶ 1,750 Nm (1,291 ft-lb) max torque, 4 speed / torque adjustment.
- ▶ Excellent shock absorption design.
- ▶ Smart reverse mode.
- ▶ Stepless variable speed switch.

# Brushless High Torque Impact Wrench

## EP-DW8458

### BASIC SPECIFICATIONS

**Voltage**：DC-20V

**Square Drive**：1” (25.4mm) Friction Ring

**Max. Torque**：
2,000 Nm / 1,475 Ft-Lb

**Free Speed**：1,600 RPM

**Impact/Min.**：2,100 IPM

**Max. Bolt Diameter**：M39

**Net Weight**：
3.8 kgs / 8.38 lbs (w/o battery)




### FEATURES

- ▶ 2,000 Nm (1,475 ft-lb) max torque, 4 speed / torque adjustment.
- ▶ Excellent shock absorption design.
- ▶ Smart reverse mode.
- ▶ Stepless variable speed switch.

# Brushless Angle Grinder

## EP-DG8500

### BASIC SPECIFICATIONS

**Voltage**：DC-20V

**Wheel Size**：125mm (5”)

**Spindle Thread**：M14

**Free Speed**：8,000 RPM

**Disk Hole Dia.**：22.23 mm

**Switch Type**：2-stage safety trigger

**Net Weight**：
1.4 kgs / 3.08 lbs (w/o battery, w/o grinding wheel)



### FEATURES

- ▶ Detachable mesh prevents dust getting inside the electric motor.
- ▶ Equipped with an electronic current limiting protection device, can quickly stop the tool in 2 seconds.
- ▶ Quick change design of wheel guard, easily adjust the angle without tool.
- ▶ Safety switch ensures user safety.

## Brushless Angle Grinder

**EP-DG8501**

### BASIC SPECIFICATIONS

**Voltage :** DC-20V

**Wheel Size :** 100mm (4")

**Spindle Thread :** M10

**Free Speed :** 8,500 RPM

**Disk Hole Dia. :** 16 mm

**Switch Type :** Push On / Off

**Net Weight :**
1.5 kgs / 3.3 lbs (w/o battery, w/o grinding wheel)



### FEATURES

- ▶ Detachable mesh prevents dust getting inside the electric motor.
- ▶ Equipped with an electronic current limiting protection device, can quickly stop the tool in 2 seconds.
- ▶ Quick change design of wheel guard, easily adjust the angle without tool.
- ▶ Safety switch ensures user safety.

## Brushless Random Orbital Polisher

**EP-DP8602**

### BASIC SPECIFICATIONS

**Voltage :** DC-20V

**Pad Dia. :** 5" (125mm)

**Orbit Dia. :** 0.6" (15mm)

**No Load Speed :** 1,600 / 2,240 / 2,880 / 3,520 / 4,160 / 4,710

**Switch Type :** Push On / Off

**Net Weight :** 2.0 kgs / 4.4 lbs (w/o battery)



### FEATURES

- ▶ Detachable mesh prevents dust getting inside the motor.
- ▶ 6-speed setting design fulfills various needs.
- ▶ Equipped with an electronic current limiting protection device to prevent overload.
- ▶ Soft start power switch increases user safety.
- ▶ Push button switch can be locked into activation mode, satisfying the need for continuous operation.
- ▶ Most commonly used for paint stripping, surface sanding of woodwork, and waxing automotive body.

## Brushless Random Orbital Polisher

### EP-DP8605

#### BASIC SPECIFICATIONS

**Voltage**：DC-20V

**Pad Dia.**：5” (125mm)

**Orbit Dia.**：0.6” (15mm)

**No Load Speed**： 1,800 / 2,300 / 2,800 / 3,300 / 3,800 / 4,300 / 4,800

**Switch Type**：Trigger

**Net Weight**：2.25 kgs / 4.95 lbs (w/o battery)



#### FEATURES

- ▶ Detachable mesh prevents dust getting inside the motor.
- ▶ 7-speed setting design fulfills various needs.
- ▶ Equipped with an electronic current limiting protection device to prevent overload.
- ▶ Trigger switch can be locked into activation mode, satisfying the need for continuous operation.
- ▶ Soft start trigger increases user safety.
- ▶ Insert the battery horizontally to avoid surface friction during operation.
- ▶ Most commonly used for paint stripping, surface sanding of woodwork, and waxing automotive body.

## Handheld Circular Saw

### EP-DS890C

#### BASIC SPECIFICATIONS

**Voltage**：DC-20V

**No load Speed**：4000 /min

**Blade size**：115 mm

**Bore diameter**：9.5 / 20 mm

**Motor**：5025

**Max.cutling capactity**： @ 90°: 42.8mm
@ 45°: 28mm



#### FEATURES

- ▶ Get the power and depth-of-cut of a corded circular saw with the portability and convenience of cordless.

## Cordless Brushless Circular Saw

### EP-DS8905

**BASIC SPECIFICATIONS**

**Voltage :** DC-20V
**No load Speed :** 6500 /min
**Blade size :** 150 mm
**Bore diameter :** 9.5 / 20 mm
**Motor :** 5025
**Max.cutling capactity :** @ 90°: 56mm
@ 45°: 39.5mm



**FEATURES**

- ▶ Soft grip
- ▶ Brushless motor
- ▶ Lock-off switch for safety
- ▶ Dust extraction
- ▶ LED light

## 20V Cordless Brushless Circular Saw

### EP-DS8901

**BASIC SPECIFICATIONS**

**Voltage :** DC-20V
**No-Load Speed :** 5,000 RPM
**Blade size :** 185 mm ( 7-1/4" )
**Arbor size :** 20 mm ( 13/16" )
**Max. Cutting Capacity :** @ 90°: 65 mm ( 2-9/16" )
@ 45°: 43 mm ( 1-11/16" )



**FEATURES**

- ▶ Easy spindle lock and fast blade changing.
- ▶ Ergonomic soft grip for more convenient use.
- ▶ Well balanced design for superior handling and performance.

## Brushless Die Grinder

### EP-DG8510

#### BASIC SPECIFICATIONS

**Voltage**：DC-20V

**Collet Capacity**：6mm (1/4")

**Free Speed**：
8,000 / 11,600 / 15,200 / 18,800 /
22,400 / 26,000 RPM

**Max. Wheel Size**：25.4mm (1")

**Switch Type**：Push On / Off

**Net Weight**：
1.4 kgs / 3.08 lbs (w/o battery, w/o disc wheel)



#### FEATURES

- ▶ Detachable mesh prevents dust getting inside the motor.
- ▶ 6-speed setting design fulfills various needs.
- ▶ The protective design of soft start extends the tool's lifespan and ensures user safety.
- ▶ Push button switch can be locked into activation mode, satisfying the need for continuous operation.
- ▶ Most commonly used for deburring pipes, small surface preparation.

## LED Work Light

### WK-8040

#### BASIC SPECIFICATIONS

**Voltage**：DC-20V

**Lumen (Typical Value) (L/H)**：1,000 / 2,000 Lumen

**Color Temperature**：6,000 - 7,000 K

**USB Output**：5V / 1A

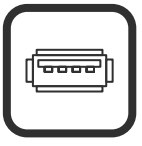
**Carton Size**：5.7 x 19 x 28 cm

**Qty/Carton**：12 sets





**1000Lm/2000Lm**



**USB output 5V 1A**



**6 angles adjustable**

## 20V Li-ion Battery

**BT-DX0030**
**2.0 Ah**

BASIC SPECIFICATIONS

**Size :** 120 x 80 x 50 mm
**Weight :** 0.4 kg
**Qty/Carton :** 14 sets




## 20V Li-ion Battery

**BT-DX0051**
**4.0 Ah**

BASIC SPECIFICATIONS

**Size :** 120 x 80 x 68 mm
**Weight :** 0.7 kg
**Qty/Carton :** 12 sets






## 20V Li-ion Battery

**BT-DX0054**
**8.0 Ah**

BASIC SPECIFICATIONS

**Size :** 145 x 80 x 78 mm
**Weight :** 1.1 kg
**Qty/Carton :** 10 sets



## 4A Charger

**CG-DX0030**

### BASIC SPECIFICATIONS

**Battery Charging Time**：
- 2.0Ah Li-ion Battery : 40 min
- 4.0Ah Li-ion Battery : 80 min
- 8.0Ah Li-ion Battery : 160 min

**Qty/Carton**：14 sets

**Pack Size**：18 x 49 x 52 cm



## 5A Charger

**CG-DX0031**

### BASIC SPECIFICATIONS

**Battery Charging Time**：
- 2.0Ah Li-ion Battery : 26 min
- 4.0Ah Li-ion Battery : 48 min
- 8.0Ah Li-ion Battery : 120 min

**Qty/Carton**：14 sets

**Pack Size**：18 x 49 x 52 cm



JOHNSWELL®

by jswtool.com


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