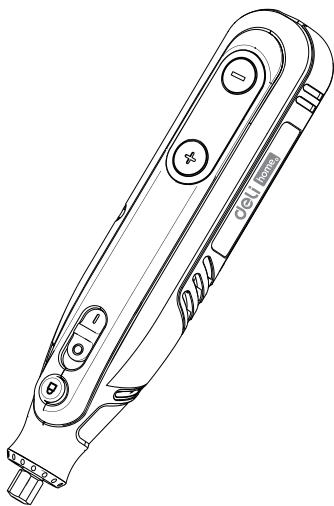


deli

DY864



EN 8V Rechargeable Electric Grinder

Contents

| | |
|--|----|
| 1. Overview..... | 3 |
| 2. Schematic Diagram of 8V Rechargeable Electric Grinder | 3 |
| 3. Safety Regulations..... | 4 |
| 4. Other Safety Regulations | 12 |
| 5. Installation and functionality instructions..... | 13 |
| 6. Product Parameters and Accessories Description | 18 |
| 7. Repair and Maintenance | 22 |

1. Overview

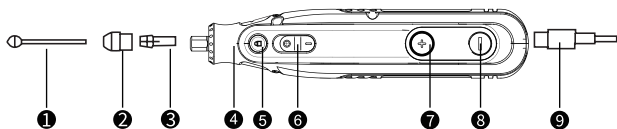
This lithium battery-powered tool offers multiple practical functions, including drilling, grinding, polishing, buffing, engraving, cutting, and rust removal.

It is widely used on metal, glass, wood, and ceramics, etc.

The working principle is: when using large accessories such as polishing pads, please operate it at low speed; when using small accessories such as engraving and grinding bits, operate it at high speed.

It features safety in use, flexibility in operation, and convenience in portability.

2. Schematic Diagram of 8V Rechargeable Electric Grinder



The diagram is for reference only.

The appearance of the tool may vary depending on the model. Please refer to the actual product.

| No. | Name | No. | Name |
|-----|--------------------------------|-----|-------------------|
| ① | Accessories | ⑥ | On/Off button |
| ② | Collet locking nut | ⑦ | Speed-up button |
| ③ | Collet of the electric grinder | ⑧ | Speed-down button |
| ④ | Nose cap | ⑨ | TYPE-C cable |
| ⑤ | Shaft lock button | | |

Tips: Please use a suitable branded adapter with a 5V/≥2A output for charging to ensure better charging efficiency and safety.

3. Safety Regulations

General safety warning for power tools



WARNING! Please read all warnings and instructions! Failure to follow the warnings and instructions

below may result in electric shock, fire and/or serious injury.

All warnings and instructions should be stored for future reference.

The term "power tool" refers to mains-operated (corded) power tools or battery-operated (cordless) power tools in all the following warnings.

Work area safety

1. **Keep work area clean and well lit.** Cluttered or dark areas invite accidents.
2. **Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases or dust.** Sparks produced by power tools may ignite the dust or gases.
3. **Keep children and bystanders away before operating the power tools.** Distraction during working may cause the operator to lose control of the power tool.

Electrical safety

1. **The plug of power tools must match the socket.** Never modify the plug in any way. Power tools that require grounding cannot use any conversion plugs. Use of unmodified connector plugs and their matching sockets helps reduce the risk of electric shock.
2. **Avoid bodily contact with the grounded surfaces, such as pipes, heat sinks and refrigerators.** The risk of electric shock may increase if your body comes into contact with the grounding surfaces.
3. **Do not expose power tools to rain or damp environments.** Ingress of water into the power tools may increase the risk of electric shock may increase.
4. **Do not abuse the wires.** Never transport and pull the power tools or remove the plugs with wires. Keep the wires away from heat sources, oil, sharp edges, or moving parts. Damaged or twisted cords may increase the risk of electric shock.
5. **When the power tool is used outdoors, use the external cords suitable for outdoor use.** Use of a cord suitable for outdoor use will reduce the risk of electric shock.

- 6. If it is unavoidable to operate the power tool in a damp location, a residual current operated protective device (RCD) should be used.** It can reduce the risk of electric shock if RCD is used.

Personal safety

- 1. Stay alert, watch what you are doing and use common sense when operating the power tool.** Do not use a power tool while you are tired or under the influence of drugs, alcohol, or medication. A moment of inattention while operating power tools may result in serious personal injury.
- 2. Use personal protective equipment.** Always wear protective goggles. Safety devices, such as dust masks, non-slip safety shoes, hard hats, and hearing protection devices, when used under appropriate conditions, can reduce the risk of personal injury.
- 3. Avoid accidental starts.** Ensure that the switch is in the off-position when connecting the power supply and/or battery case, picking up or transporting tools. Placing your fingers on a switch that has been turned on or inserting the plug while the switch is turned on may cause danger.
- 4. Remove any adjusting keys or wrench before turning the power tool on.** A wrench or a key that is left attached to a rotating part of the power tool may result in personal injury.
- 5. Do not overreach.** Always maintain proper footing and body balance. In this way, the power tool can be well controlled in unexpected situations.
- 6. Dress properly. Do not wear loose clothing or jewelry. Keep your clothing, gloves and hair away from moving parts.** Loose clothes, jewelry, or long hair may get caught in moving parts.
- 7. If devices for the connection to chip removal and dust collection equipment are provided, ensure they are properly connected and used.** Use of these facilities can reduce dust-related hazards.

Work area safety

- 1. Keep work area clean and well lit.** Cluttered or dark areas invite accidents.
- 2. Do not operate power tools in explosive environments, such as those with flammable liquids, gases, or dust.**

Sparks produced by power tools may ignite the dust or gases.

- 3. Keep children and bystanders away before operating the power tools.** Distraction during working may cause the operator to lose control of the power tool.

Use and precautions of power tools

- 1. Do not abuse the power tools. Use the correct power tools for your application.** The correct power tool will do the job better and safer.
- 2. Do not use the power tool if the switch does not turn it on and off.** Any power tool that cannot be controlled with the switch is dangerous and must be repaired.
- 3. Before making any adjustments, changing accessories or storing power tools, the plug must be unplugged from the power supply and/or the battery case must be disconnected from the tool.** Such preventive safety measures can reduce the risk of starting tool accidentally.
- 4. Store idle power tools out of the reach of children and do not allow persons unfamiliar with the power tool or these instructions to operate the power tool.** Power tools are dangerous for untrained users.
- 5. Maintain power tools.** Check whether the moving parts are properly adjusted or stuck, check the damage of the parts and other conditions that affect the operation of power tool. If damaged, the power tool should be repaired before use. Many accidents are caused by poorly maintained power tools.
- 6. Keep cutting tools sharp and clean.** Properly maintained cutting tools with sharp cutting edges are less likely to get stuck and are easier to control.
- 7. Use power tools, accessories and tool bits, etc., in the manner specified in instruction manual, taking into account the working conditions and the work to be performed.** Using the power tool for operations other than their intended purpose could result in a hazardous situation.

Repair

Have your power tool serviced by a qualified repair person using identical replacement parts. This will ensure the safety of the repaired power tool.

General safety rules for electric grinders

General safety warning for electric grinders

General safety warnings for grinding, sanding, wire brushing, polishing, carving, or grinding wheel cutting operations.

- 1. This power tool can be used as a grinder, sander, wire brush, polisher, carving tool, or cutting tool.** Please read all safety warnings, instructions, illustrations, and technical specifications provided with this power tool. Failure to follow all instructions listed below may result in electric shock, fire, and/or serious injury.
- 2. Do not use accessories not specifically designed and recommended by the tool manufacturer.** The mere fact that an accessory can be fitted to this power tool does not guarantee the safety of the operation.
- 3. The rated speed of grinding accessories must be at least equal to the maximum speed specified on the power tool.** If the speed of a grinding accessory exceeds its rated speed, it may break apart and fly away.
- 4. The outer diameter and thickness of the accessories must be within the range of the rated capacity of the power tool.** Accessories with incorrect sizes cannot be properly controlled.
- 5. The shank size of grinding wheels, sanding drums, or any other accessory must fit the power tool's spindle or collet.** If the accessory does not fit the mounting hardware of the power tool, it will become unbalanced, vibrate excessively, and may lead to loss of control.
- 6. Grinding heads, cutting discs, or other accessories mounted on a spindle must be fully inserted into the collet or chuck.** If the shank is not properly secured and/or the overhang of the grinding wheel is too long, the mounted grinding wheel may come loose and be ejected at high speeds.
- 7. Do not use damaged accessories.** Before each use, inspect accessories such as grinding wheels for chips and cracks, sanding drums for cracks, tears, or excessive wear, and wire brushes for loose wires or cracks. If the power tool or accessory has been dropped, inspect it for damage or replace the accessory with a good one. After inspecting and

installing the accessory, keep yourself and bystanders away from the plane of the rotating accessory and run the power tool at maximum no-load speed for one minute. Damaged accessories usually will break apart during this test.

8. **Wear personal protective equipment.** Use a face shield or safety goggles as required by the application. As appropriate, wear a dust mask, hearing protection, gloves, and a workshop apron that can protect you against small abrasive or workpiece fragments. Eye protection devices must be able to block splashing debris generated by various operations. Dust masks or respirators must be capable of filtering particles generated during the operation. Extensive exposure to high-intensity noise may cause hearing loss.
9. **Keep bystanders at a safe distance from the work area.** Anyone entering the work area must wear personal protective equipment. Workpieces or broken accessory fragments may fly out and cause damage outside the operating area.
10. **During operation, cutting accessories may come into contact with hidden wiring or the tool's power cord. Always hold**
11. **the insulated gripping surfaces of the power tool.** If the cutting tool contacts a live wire, the exposed metal parts of the power tool may also become live, potentially causing an electric shock to the operator.
11. **Always hold the tool firmly when starting.** The counter torque can cause the tool to twist when accelerating the motor to full speed.
12. **Use clamps to support the workpiece whenever feasible.** Do not hold small workpieces with one hand while holding the tool with the other. Clamp small workpieces so you can control the tool with both hands. Cylindrical materials such as drive shafts, pipes, and tubes can roll during cutting, potentially causing the drill bit to be sticky or kick back toward you.
13. **Do not place the power cord near rotating accessories.** If control is lost, the power cord may get cut or caught, potentially pulling your arm into the rotating accessory.
14. **Never place the power tool down until the accessories have come to a complete stop.** Rotating accessories may catch on the surface of objects, causing the power tool to lose control.
15. **After changing the**

drill bit or making any adjustments, ensure that the collet lock nut, chuck, or any other adjustment device is securely tightened. Loose adjustment devices can shift unexpectedly, leading to a loss of control. Also, loose rotating components can be ejected violently.

16. **Do not operate the power tool when it is pointed towards you.** Accidental contact with a rotating accessory may catch your clothing, pulling the accessory towards your body.
17. **Clean the power tool's ventilation openings regularly.** The motor fan may draw dust into the housing, and a significant buildup of metallic dust can pose an electrical hazard.
18. **Do not operate the power tool near flammable materials.** Sparks may ignite these materials.
19. **Do not use accessories that require liquid coolants.** Using water or other liquid coolants may result in **electric shock or electrical hazards.**

Kickback and related

warnings

1. **Kickback is a sudden reaction when a rotating grinding wheel, sanding band, brush, or other accessory is pinched or caught.** Pinching or catching can cause the rotating accessory to stop quickly, resulting in the uncontrolled electric tool rushing in the direction opposite to the rotating direction of the accessory. For example, when a grinding wheel is caught or pinched by the workpiece, the wheel's edge entering the pinch point may cut into the material's surface, causing the wheel to hop out or kick back. The grinding wheel may bounce towards or away from the operator, depending on the direction of movement at the pinch point. Under these conditions, the grinding wheel may also break. Kickback is the result of improper use of the electric tool and/or incorrect operating procedures or conditions. It can be avoided by taking the following precautions:
 2. **Firmly hold the electric tool and position your body and arms to resist the kickback force.** By taking appropriate precautions, the operator can control the kickback force.
 3. **Take additional care when**

processing corners or sharp edges. Avoid having the accessory rebound or get caught. Corners, sharp edges, or rebound can cause the rotating accessory to get caught, leading to loss of control or kickback.

- 4. When using large-sized saw blades, frequent kickback and loss of control can occur. Always hold the electric grinder firmly.** Do not use saw blades with sizes outside the range recommended by our company.
- 5. When moving the cutting edge out of the material, always feed the drill bit into the workpiece in the same direction (i.e., the same direction as the debris is thrown out).** Incorrect feeding direction may cause the saw teeth to hop away from the workpiece and pull the tool towards the feeding direction.
- 6. When using a grinding wheel for cutting, always securely clamp the workpiece.** If the grinding wheel is tilted in a groove, it can cut into the groove or even result in a kickback. When a grinding wheel gets stuck, the wheel itself usually breaks. When using a rotary file, high-speed cutting disc, or carbide cutting disc to cut in, it may hop out of the groove, causing the

tool to go out of control.

Specific safety warnings for polishing and grinding wheel cutting operations

- 1. Only use the types of grinding wheels recommended for your power tool, and use them only for the recommended applications.** For example, do not use the side of a cutting wheel for grinding. Abrasive cutting discs are designed for circular grinding. Applying lateral force to these grinding wheels can cause them to break.
- 2. For threaded grinding cones and grinding heads, only use undamaged grinding wheel mandrels with wheel flanges of the correct size and length.** Correct mandrels can reduce the likelihood of breakage.
- 3. Do not “jam” the cutting wheel or apply excessive pressure.** Do not attempt to make an excessive depth of cut. Excessive stress on the cutting wheel increases the load, making the wheel more sensitive to distortion or catching during cutting, and raising the likelihood of kickback or wheel breakage.
- 4. Do not position your hands in line with or**

behind a rotating grinding wheel. If the grinding wheel moves away from your hands at the operating point, the possible kickback may propel the spinning wheel and power tool directly toward you.

- 5. When the grinding wheel is pinched, caught, or the cutting is interrupted for any reason during operation, turn off the power tool and hold the tool still until the grinding wheel stops completely.** Do not try to remove the grinding wheel from the cut while it is rotating, otherwise, it may cause kickback. Inspect and take corrective measures to eliminate the causes of grinding wheel pinching or catching.
- 6. Do not restart the cutting operation while the attachment is still in the workpiece.** Allow the grinding wheel to reach full speed before carefully re-entering the cut. Restarting the power tool while the grinding wheel is still in the workpiece can cause the wheel to snag, move upwards, or kickback.
- 7. Support the plates or oversized workpieces to reduce the risk of grinding wheel pinching and kickback.** Large workpieces tend to sag naturally due to their own weight. Support must be

provided beneath the workpiece near the cutting line and on both sides of the grinding wheel near the edges of the workpiece.

- 8. Special caution should be taken when performing "blind cutting" on existing walls or other blind areas.** The protruding grinding wheel may cut gas or water pipes, electrical wires, or objects that can cause kickback.

Specific safety warnings for wire brush operation

- 1. Please note that even during normal operation, wire brushes can fling out wire bristles.** Do not apply excessive pressure to the wire brush to avoid overloading it. Wire brush bristles can easily penetrate light clothing and/or skin.
- 2. Before use, allow the wire brush run for at least 1 minute at its operating speed.** During this time, ensure no one stands in front of or directly in line with the wire brush. Loose bristles or wires may be ejected during this period.
- 3. Ensure you stay clear of objects ejected by the rotating wire brush.** During the use of wire brushes, small particles and tiny wire fragments may be ejected at high speeds and can penetrate your skin.

4. Other Safety Regulations

1. **Do not touch the grinding or cutting discs until they have cooled down.** The grinding wheel becomes very hot during operation.
2. **Secure workpieces. Using a clamping device or a vise to secure the workpiece is more stable than holding it by hand.**
3. **This power tool is not suitable for stationary applications.** For example, it is not allowed to clamp the tool in a vise or mount it on a workbench.

Safety warnings for built-in batteries

This tool contains a built-in battery. Please observe the following precautions during use.

1. Do not disassemble, open, or cut up the tool.
2. Do not expose the tool to heat sources or flames, and avoid storing it in direct sunlight. Do not expose the tool to dirt, water, or moisture.
3. Do not short-circuit the tool's exposed terminals. Do not place multiple tools in a box or drawer to avoid accidental short circuits between them or with other metal objects.

4. Protect the tool against mechanical impact.
5. If the battery leaks, avoid direct contact with the leaked liquid on your skin or eyes. If contact occurs, rinse the affected area thoroughly with plenty of water and seek medical attention promptly.
6. Do not use chargers that are not specifically designed for the device.
7. Keep the tool away from children.
8. Do not use batteries that are not specifically designed for the device.
9. Keep the tool clean and dry.
10. If the power tool's charging contacts become dirty, clean them with a dry, clean cloth.
11. Tools should be charged before use. When charging, use the correct charger and follow the manufacturer's instructions provided in the user manual.
12. Do not leave the tool plugged in for extended periods when not in use.
13. After long-term storage, the tool should undergo several charge and discharge cycles to achieve optimal performance.
14. The battery performs best at room temperature ($20^{\circ}\text{C} \pm 5^{\circ}\text{C}$).
15. Keep the original product manual for future reference.
16. Dispose of the battery properly.

5. Installation and functionality instructions

Installation

When performing any maintenance on the power tool (such as repairs or replacing attachments), as well as during handling and storage, ensure that the switch is in the off position and avoid accidental activation of the switch.

To charge the power tool.

Note: The battery is only partially charged when delivered. Before the first use of the power tool, the battery must be fully charged to ensure its power capacity.

You can charge lithium-ion batteries at any time without shortening their lifespan. Interruption during the charging process will not damage the battery.

Be aware of and follow the regulations regarding waste disposal.

To replace sanding bands

1. Turn off the machine and ensure that all rotating parts have come to a complete stop.
2. Press and hold the collet locking nut, then turn the collet locking nut until the shaft lock button is fully pressed down.
3. When the motor shaft is locked by the lock button, turn the collet locking nut downward and pull the attachment out of the tool.
4. Assemble the small sanding band and rubber drum as shown in Fig. 1. Slide the small sanding band onto the large rubber sanding drum.
5. Insert the new accessory into the electric grinder collet until it reaches the bottom of the shaft hole.
6. Press the shaft lock button and tighten it with the collet wrench. Then, secure the screw while holding down the lock button.
7. Finally, release the shaft lock button.



Fig. 1

To install a wool felt pad

Steps 1, 2 and 3 are the same as replacing the sanding bands.

4. Align the wool felt head connecting mandrel with the center of the wool felt pad (see Fig. 2). Screw it in clockwise (see Fig. 3) until the threads are fully engaged with the wool felt pad.
5. Press the shaft lock button and tighten it with the collet wrench. Then, secure the screw while holding down the lock button.
6. Finally, release the shaft lock button.



Fig. 2



Fig. 3



Fig. 4

To install a cutting disc (sanding paper, diamond saw blade, or woodworking saw blade)

Steps 1, 2 and 3 are the same as replacing the sanding bands.

4. Use the collet wrench to loosen the small screw on the cutting disc connecting mandrel. Let the cutting disc go through the threaded hole, then rotate the nut (see Fig. 4) until the cutting disc is firmly attached to the connecting mandrel and does not move.
5. Press the shaft lock button and tighten it with the collet wrench. Then, secure the screw while holding down the lock button.
6. Finally, release the shaft lock button.

To install the transparent cover

1. Unscrew the nose cap counterclockwise (see Fig. 5).
2. Turn the black nose cap on the transparent cover assembly clockwise until the black end surface of the transparent cover fits the end surface of the tool (see Fig. 6).
3. The transparent cover can rotate between the cover and the black nose cap. Adjust the direction of the transparent cover to ensure that the user's line of sight remains within the protective range of the cover.



Fig. 5



Fig. 6

Warning!

1. Before using the tool, ensure it is properly prepared and safe to use.
2. Do not use the tool in damp environments.
3. Never use the tool near flammable gases or liquids.
4. Do not force the equipment when it is slowing down or stopping. Turn off the equipment and complete the work process.
5. Wear safety glasses when using the tool.
6. Do not touch the drill bit or grinding head during operation, even at low speeds, as this can cause injury!
7. Do not press the lock button while the machine is running to avoid damaging the machine or causing a safety incident.

Using the On/Off button

Set speed range with the On/Off button.

After charging is complete, unplug the data cable. Press and then release the switch.

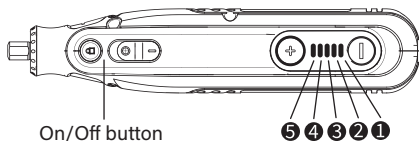
When lights ①, ②, and ③ are illuminated, the tool indicates that it is set to the third gear.

Press the "+" button for the first time and lights ①, ②, ③, and ④ will illuminate, indicating that the tool is set to the fourth gear.

Press the "+" button again and lights ①, ②, ③, ④, and ⑤ will illuminate, indicating that the tool is set to the fifth gear.

After powering on, pressing the "-" button for the first time will illuminate lights ① and ②, indicating that the tool is set to the second gear.

Pressing the "-" button again will illuminate light ①, indicating that the machine is set to the first gear.



Tips and precautions for use

1. After prolonged use, the temperature of the product will rise. In such cases, turn off the machine and wait until it cools down before using it again.
2. Do not apply excessive radial pressure while polishing, cleaning, sanding, or grinding. Excessive force on the spindle can affect the precision of the product. Applying more pressure does not mean that you can complete the work faster. In fact, too much pressure can cause the machine to slow down or stop. For your safety, use a vise or screw clamp to secure small workpieces.
3. Maintain a keen sense of touch when performing delicate work.
4. When drilling into metal, use a center punch to mark the drilling point first. This will help prevent the drill bit from wobbling or slipping.
5. Ensure that there is maximum contact area between the shaft and the collet when assembling components.
6. To avoid motor damage, it is important to occasionally remove the tool from the load during prolonged low-speed operation. Periodically run the tool at full speed for about one minute to allow cooling air to cool the motor.

Warning!

1. Use safety glasses. Wear a mask when working in a dusty environment. Always wear protective goggles at all times.
2. Do not drill holes on a machine randomly during use to prevent electric leakage.
3. When finishing work and putting down the electric grinder, ensure that the grinder has completely stopped to avoid damaging other items.
4. If the tool is accidentally damaged due to moisture, impact, or natural wear from prolonged use, have it repaired by a professional. It should only be used after passing insulation testing.

5. During use, ensure that the machine's air vents are free of obstructions to prevent overheating and potential damage.
6. When changing accessories, make sure to turn off the switch.
7. If the product is unable to turn or shows sluggish speed, immediately turn off the switch.
8. Regularly check the wall thickness of the collet, especially when using the same collet for extended periods.
9. After use, make sure to turn off the switch and unplug the tool.
10. Do not attempt to repair the electric tool yourself.
11. Do not leave a running tool unattended.

Storage

Protect the rechargeable battery from moisture and water infiltration. The rechargeable battery must be stored in an environment with temperatures between -20°C and 50°C.

In summer, do not leave the rechargeable battery in a car.

Periodically clean the battery's ventilation openings using a soft, clean, and dry brush.

If the battery run time significantly shortens after charging, it indicates that the battery is damaged and must be replaced with a new one.










Be aware of and follow the regulations regarding waste disposal.










6. Product Parameters and Accessories Description

| | |
|---------------------------|--------------------|
| Product Model | DY864 |
| Lithium battery capacity | 2Ah |
| Charging voltage | 5VDC (TYPE-C) |
| Range of charging current | 5V/1.5A |
| Charging time | 2-3 hours |
| Weight | Approximately 380g |
| Maximum voltage | 8VDC |
| Collet size | φ3.2mm |
| Gear 1 speed | 6000r/min |
| Gear 2 speed | 15000r/min |
| Gear 3 speed | 20000r/min |
| Gear 4 speed | 25000r/min |
| Gear 5 speed | 30000r/min |

| LED indicator | | Meaning |
|-----------------|--|---------------------|
| When charging | Progressive LED indicator for Gear 1 to Gear 5 | Charging in process |
| | Lights ①②③④⑤ are illuminated | Fully charged |
| When using | Light ① is illuminated | Gear 1 |
| | Lights ①② are illuminated | Gear 2 |
| | Lights ①②③ are illuminated | Gear 3 |
| | Lights ①②③④ are illuminated | Gear 4 |
| | Lights ①②③④⑤ are illuminated | Gear 5 |
| After power off | Lights ①②③④⑤ are all off | Turn off |
| Remarks | Do not press the power button when charging. | |

| No. | Function | Accessories | Quantity | Image | Application |
|-----|----------|-------------|----------|-------|-------------|
|-----|----------|-------------|----------|-------|-------------|

| | | | | | |
|---|--------------------|-----------------------------|----|---|--|
| 1 | Sanding | Sanding paper | 40 |  | Polish surfaces made of cork, hardwood, plastic, and metal. |
| 2 | | Sanding band | 10 |  | For polishing surfaces made of cork, hardwood, plastic, steel plates, aluminum, copper, shells, stone, ceramics, etc. Polish rough surfaces and remove rust from surfaces. |
| 3 | Cutting | Diamond saw blade | 1 |  | For cutting work on shells, stone, ceramics, or glass. |
| 4 | | Woodworking saw blade | 1 |  | For cutting work on wood. |
| 5 | | Cutting disc | 30 |  | When using cutting discs, only cut along the edge/ surface of the material being cut. |
| 6 | Grinding | Red corundum grinding wheel | 8 |  | For grinding work on materials such as plastic, steel plates, aluminum, copper, shells, stone, and ceramics. |
| 7 | Grinding/Engraving | Grinding needle | 2 |  | For surface polishing work on materials such as cork, hardwood, plastic, steel plates, aluminum, copper, shells, stone, ceramics, and glass. |
| 8 | | Milling cutter | 1 |  | For engraving work on soft materials such as cork, hardwood, and plastic. |
| 9 | Drill cutting | Drill bit | 2 |  | Drill holes on surfaces of materials such as cork, hardwood, and plastic. |

| | | | | | |
|----|------------------------|------------------------------------|----|---|--|
| 10 | Cleaning and polishing | Large wool felt wheel | 2 |  | For cleaning and polishing surfaces made of cork, hardwood, plastic, steel plates, aluminum, copper, shells, stone, ceramics, etc. |
| 11 | | Small wool felt wheel | 2 |  | For cleaning and polishing surfaces made of cork, hardwood, plastic, steel plates, aluminum, copper, shells, stone, ceramics, etc. |
| 12 | | Wool felt polishing head | 2 |  | Clean surfaces made of cork, hardwood, plastic, steel plates, aluminum, copper, shells, stone, ceramics, and glass. |
| 13 | | Wire brush | 1 |  | Clean surfaces made of cork, hardwood, plastic, steel plates, aluminum, copper, shells, stone, ceramics, and glass. |
| 14 | Other accessories | Large rubber sanding drum mandrel | 1 |  | Use for mounting abrasive sanding bands |
| 15 | | Cutting disc connecting mandrel | 1 |  | Use with cutting discs, sandpaper, woodworking saw blades, and diamond saw blades. |
| 16 | | Wool felt head connecting mandrel | 1 |  | Use for mounting the large wool felt wheel |
| 17 | | Collet wrench | 1 |  | Tighten and loosen the chuck / tighten and loosen the cutting disc connecting mandrel. |
| 18 | Cutting | Fiberglass reinforced cutoff wheel | 10 |  | When using cutting discs, only cut along the edge/ surface of the material being cut. |

Products containing harmful substances

| Part name | Toxic or hazardous Substances and Elements | | | | | |
|----------------------------------|--|--------------|------------|-----------------------------|-------------------------------|---------------------------------------|
| | Lead Pb | Mercury (Hg) | Cadmium cd | Hexa-valent chromium (Cr+6) | Polybrominated biphenyl (PBB) | Polybrominated di-phenyl ether (PBDE) |
| Metal part of the housing | ○ | ○ | ○ | ○ | ○ | ○ |
| Non-metallic part of the housing | ○ | ○ | ○ | ○ | ○ | ○ |
| Mechanical drive | X | ○ | ○ | ○ | ○ | ○ |
| Motor assembly | X | ○ | ○ | ○ | ○ | ○ |
| Control unit | X | ○ | ○ | ○ | ○ | ○ |
| Accessories | ○ | ○ | ○ | ○ | ○ | ○ |

7. Repair and Maintenance

Maintenance and cleaning

1. Always turn off the power before servicing, cleaning, or replacing parts of a lithium power tool. Accidental activation of the switch can cause injury.
2. Keep the power tool and ventilation openings clean to improve work quality and safety.
3. If the dust cover is damaged, it must be replaced immediately. It is best to have it replaced by our customer service department. After each operation, clean the tool connectors.
4. Power tools made by our company undergo strict quality inspections. If a tool still malfunctions, please have it repaired by our authorized customer service center.
5. When operating the tool, pay attention to the cutting direction. The pushing direction of the tool must be opposite to the tool's rotation direction.

Waste disposal

Damaged power tools, rechargeable batteries, accessories, and used packaging materials must be recycled in an environmentally friendly manner.

Do not dispose of power tools and rechargeable batteries with general household waste!



Service and customer consultation

For information on machine breakdown diagrams, spare parts, warranty, repairs, or replacement parts, please consult a qualified dealer.

Product Warranty Card

Dear users :

Thank you for buying our products. In order to ensure your profit, users who buy our products can contact local distributor or Specified repair stations with invoice and warranty cards if the product failures due to quality problems.

Warranty Notice:

1. From _____ (Year/Month/Day) to _____ (Year/Month/Day), If the failure happen in normal use, our company will provide free warranty, parts replacement and other services according to the failure situation.
2. This warranty card and purchase invoice are the voucher of after-sales service provided by our company to customers. The card must be detailed only after filling in the following form and affixing the official seal with the distributor.
3. In one of the following cases, free warranty service will be invalid, and maintenance fees will be required:
 - (1) Exceed the expiration date.
 - (2) Failure or damage caused by not following the requirements of the product manual, maintenance or improper storage.
 - (3) Failure or damage caused by disassembling, repairing or modification of the product without the permission of our company.
 - (4) Machine breakdown or damage caused by force majeure.
 - (5) Consumable accessories.

This card is issued with the product. One card for one machine, to ensure that you can fully enjoy the right to free warranty service provided by the company, please keep this card properly, lost will not be replaced.

Purchase Date: _____ (Year/Month/Day)

Product Certificate

Inspector:

01

Date of manufacture:

NINGBO DELI TOOLS CO., LTD.
No. 128 Chezhan West Road, Huangtan Town,
Ninghai County, Ningbo, Zhejiang, China
delitoolsglobal@nbdeli.com
www.delitoolsglobal.com
+86 574 87562689
MADE IN CHINA

