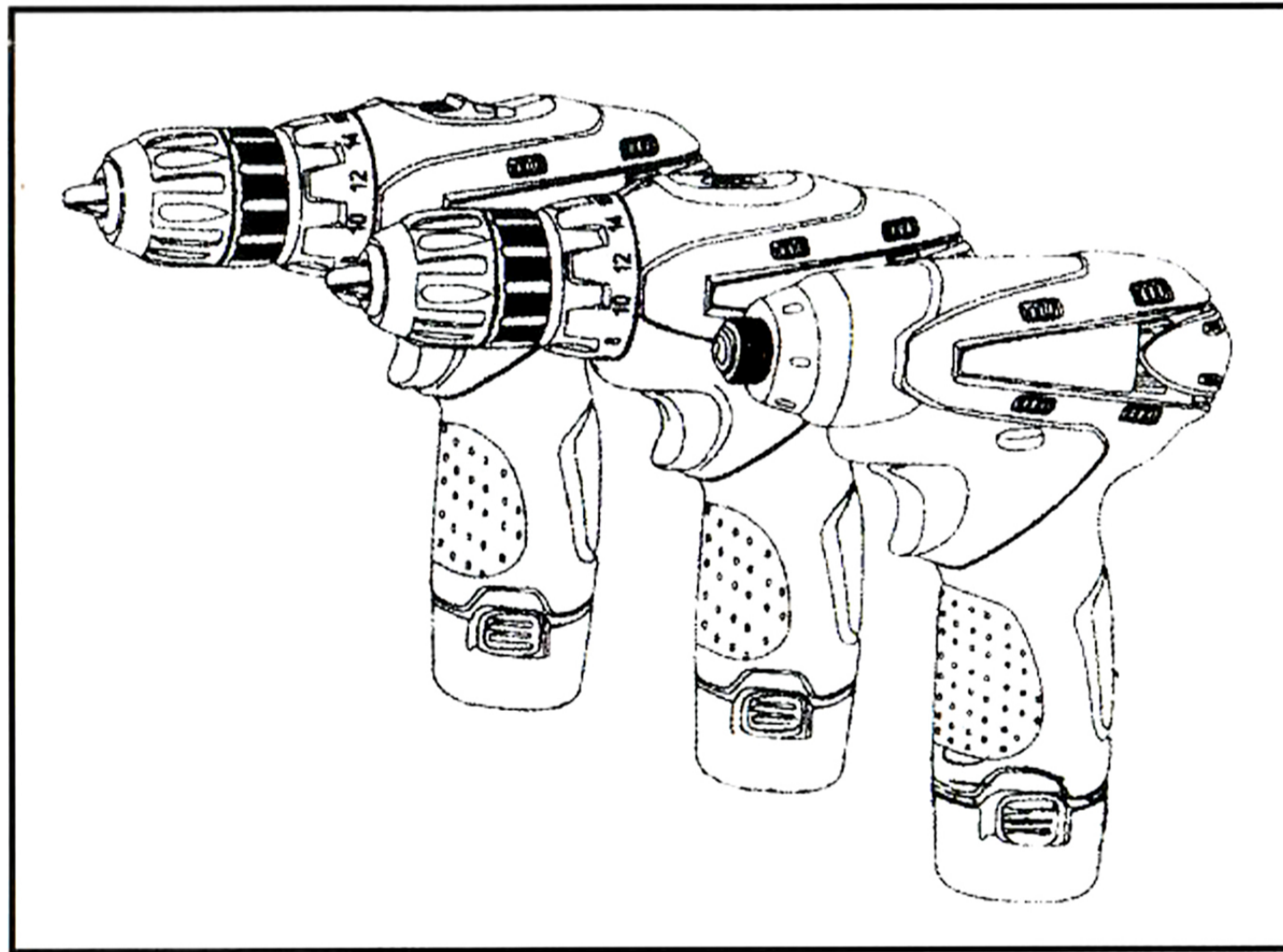



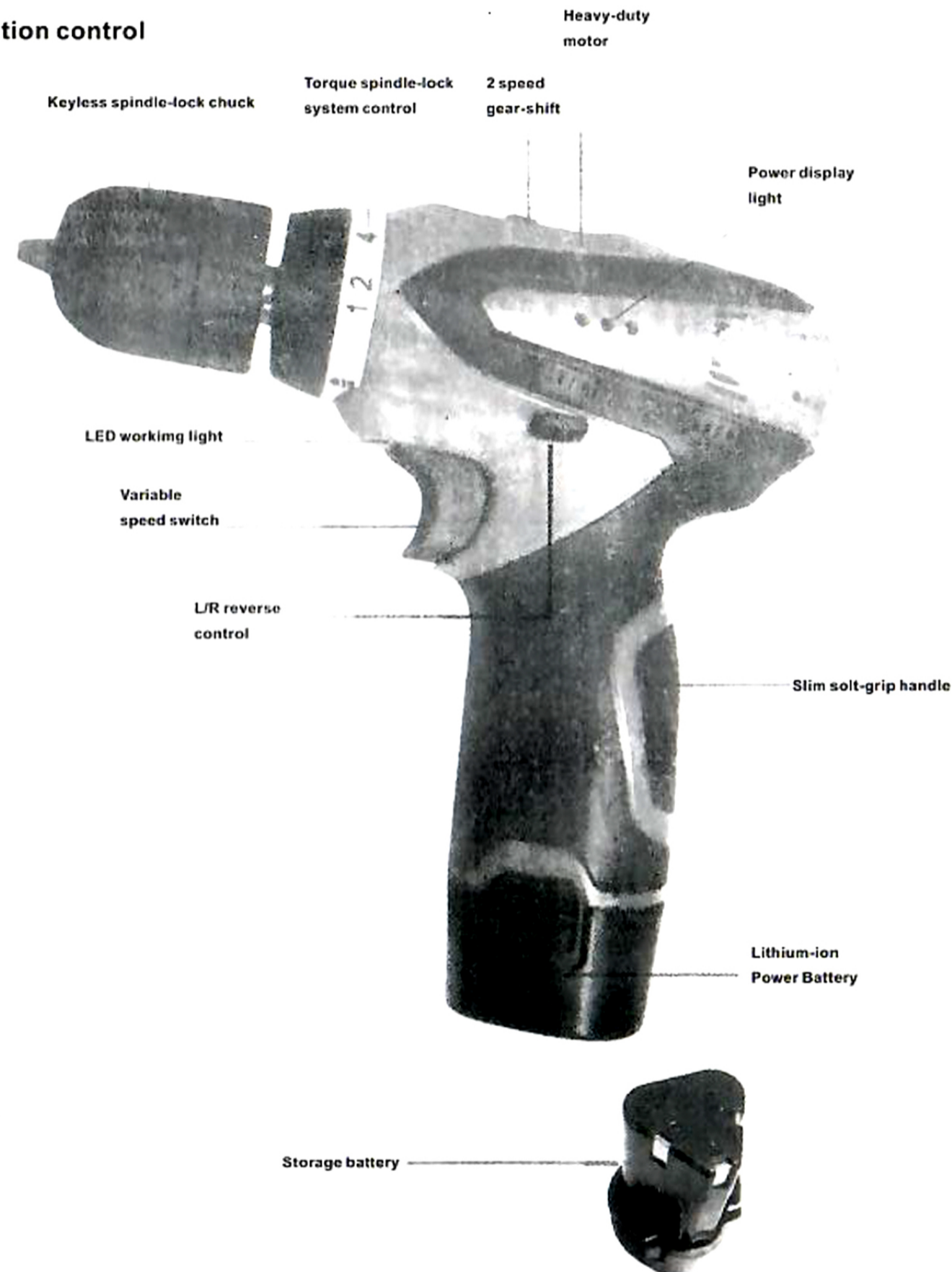
# INSTRUCTION MANUAL



## Brief introduction of LHON cordless drill

 The electric tool is used in screw and screw out screw, also be wood, metal, ceramic and plastic drilling, please be sure to read the instructions carefully before use, and in strict accordance with the instructions to use the LHON cordless drill

### 1. Operation control



### Functional description:

#### ⚠ CAUTION:

- Before you adjust or check tools, you must turn off the switch tools, and remove the battery box.

#### To install or remove battery box

- You should switch off the power before insert or remove the battery box.
- If you want to remove the battery box, press the battery box on both sides of the button, and then pull it out.
- If you want to insert the battery box, the battery box and the box groove reed should be slipped on the proper position after the alignment. please be sure to be fully inserted, until the rattle lock. If there is no lock, possibly from the tool accidentally fall out, leading to an operator or around the injured.
- Not be overexert when insert the battery box. If the battery box is not easy to slip into, you will not be inserted into the correct position.

#### The operation of the switch:

#### ⚠ CAUTION:

- Before the battery box is inserted into the drill, please be sure to check whether the normal trigger switch and can able to return to the OFF position after unlocking

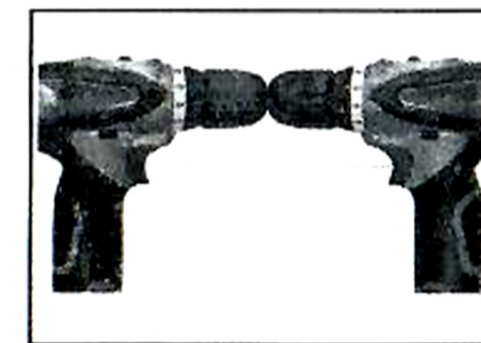
To start the electric drill, simply pull the trigger. Drill speed with the trigger pressure increase. Release button drill and stop.



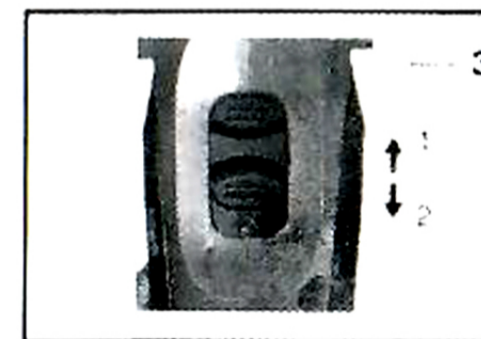
1. button  
2. a battery box



1. the trigger switch



1. the inversion switch rod



1. high speed  
2. low speed  
3. the gear lever

#### Reversing switch operation

This drill has a reverse switch to change the direction of rotation, the inversion switch lever is pushed to A side for clockwise rotation, onto the B side is counterclockwise. When the switch is in the middle position, cannot pull the trigger switch. Note: before operation, be sure to confirm the direction of rotation.

Must be completely stop using inversion switch electric drill. In the drill has not stopped before the change direction of rotation, can lead to damage of drill.

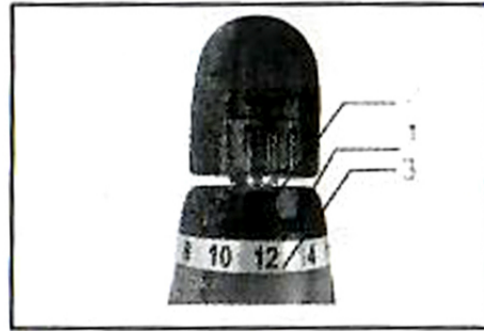
When not using a drill, it must be placed in the middle position of the inversion switch rod.

#### Variable speed

To change the speed, first turn off the electric drill, then put the gear lever indicator such as a 1 slide up to "L" side is high speed, or as directed 2 slide down to H side is low. Before use, must put the gear lever in the correct position, choose your homework correct speed.

#### ⚠ CAUTION:

- Must be in the correct position of the shift lever. If the shift lever located on the H side and the side of the intermediate position under the situation, may lead to damage of drill.
- The drill operation, an operation lever, otherwise may cause the damage of electric drill.



1.a torque scale  
2.a torsion ring  
3.the pointer

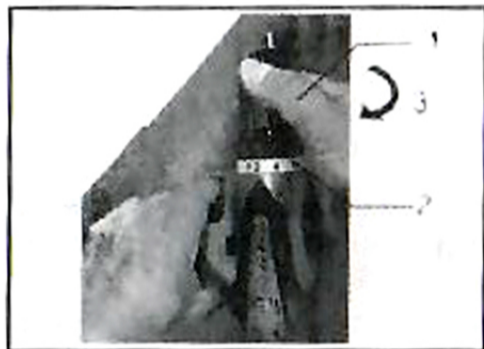
**Adjustment and tightening torque**  
By rotating the adjusting ring can be divided into 19 file to adjust the fastening torque. During the regulation you should make its scale on the alignment of the pointer of the drill body. When the 1 digital and pointer on the alignment, torque is minimum, when the marker and pointer on the alignment, torque is maximum.

When setting in Figure 1 and 18, clutch can slip according to the different size of the torque. When in the marker position, the clutch is designed for skid. Before the actual drilling, you can test a screw into the control material or sample materials to determine the materials required for torque.

**Remarks**

- When the pointer is located in scale the middle position, the adjusting ring is unable to lock.

## Assembly



1.the sleeve  
2.the ring  
3.screw

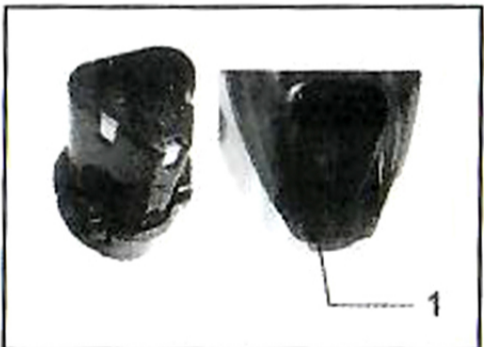
**CAUTION:**

- Before the use of tools to perform any operation, you must turn off the switch tools and remove the battery box.

**Mount or dismount the drill bit**

Hold the ring and anticlockwise rotate the sleeve to open the chuck. Then put the bit into the chuck and try to push it through. Hold the ring and clockwise rotation sets of copper to clamping chuck. When remove the drill bit, you should hold the ring and counterclockwise rotation sleeve.

## Charger



1.power display light  
2.battery cathode  
3.the charger anode

Before the use of electric drill, please click the following method of charging a battery.

1. A battery charger power plug is inserted into the appropriate AC voltage power supply. Charge indicator light will be green.
2. The battery box of the positive and negative terminal and charger electrodes corresponding to the tag in the same side into the battery box
3. When the battery box is inserted to the end, a charger indicator light will be green, now it start to charge. In the process of charging, indicator light will remain steady lighting condition.
4. When a charger indicator light turns the green flash to green long bright, charging that the cycle is complete.
5. After charge, please pull off power charger plugs from the power.

**CAUTION:**

- Battery charger is provided only with the original battery box for charging. Must not be used for any other purpose or use them to give it the battery manufacturers.
- When charging the battery box which is new or not used for long time, may not be sufficient power, please discharge it fully after recharging times so that it can be fully charged.
- If you just used tools or long time retaining in sunshine pointblank or heat charging a rechargeable battery, charging indicator may be light and red, at this time, please wait for a while. When the battery box after cooling will begin charging.

## Specifications

|  | double speed                         | single speed    | double speed                         | single speed    |
|--|--------------------------------------|-----------------|--------------------------------------|-----------------|
| Battery voltage (V)                    | 12                                   | 12              | 10.8                                 | 10.8            |
| Battery type                           | lithium battery                      | lithium battery | lithium battery                      | lithium battery |
| No load speed (r/min)                  | low speed 0-380<br>High speed 0-1300 | 0-500           | low speed 0-380<br>High speed 0-1300 | 0-500           |
| The maximum diameter of the chuck (mm) | 10                                   | 10              | 10                                   | 10              |
| Maximum thread diameter (mm)           | 8                                    | 8               | 8                                    | 8               |
| Weight (kg)                            | 1.04                                 | 1.04            | 1.04                                 | 1.04            |

Charging voltage (V) 100-240~  
Rechargeable temperature range( °C ) 5-40

Producers keep the change specifications without notice of the right  
Note: specifications may be varied to different countries

## The main safety tips

**Warning:**

Please read all security matters. If you do not comply with the following enumerated all security matters, it may lead to electric shock, fire and severely injured. In the following lists of all the safety lock, electric tool refers to a power supply operation (wired) power tools or use a battery operated electric tools (wireless).

**Workplace safety**

1. Keep work environment clean, and lighting well. It is easy to prone to accidents, in the chaos and dark workplace to use electric tools.
2. Not in hazardous environments (such as combustible liquid, gas or combustible dust exist.) Electric tools sparks can ignite the dust or gas.
3. Operating power tools can not be given to children or miscellaneous personnel close. Distraction can cause the machine to be out of control.

**Electrical safety**

4. Plug and socket must be matched. Don't adapted plug, do not take grounding electric tools and any transformer plugs used together. Use without modification of the plug and is matched with the socket can reduce the risk of electric shock.

5. When in work, avoid body contact to the grounding of the metal body. For example, metal pipe, radiator, stoves, refrigerators and so on, if the body contact to ground, it will increase the risk of electric shock. Electric tools may not get wet in the rain,
6. can not be placed in the moist environment, electric tools that is flowed into by water may increase the risk of electric shock. Not the improper use of wire, do not drag
7. wire migration tool, or pull wire pulling out the plug, also need to avoid wire touches the thermal object, sharp objects, moving parts or even with grease. The wire is damaged or entanglement increases the risk of electric shock. In outdoor use tools, must use special outdoor extension lead, using a special outdoor extension wire can reduce the risk of electric shock.
- 8.

### Personal security

9. You must keep sober, concentrate on the note of the work piece and tool when at work. When you are fatigue or by drugs, alcohol or therapeutic effects, you should not use tools. When operating the tool attention slightly dispersion that is likely to cause serious injury.
10. The use of safety equipment, the use of safety glasses. The use of safety equipment can reduce personal injury, such as a dust mask, safety shoes, safety helmets, or hearing protection devices.
11. Prevent accidental starting. Before putting the plug in the socket, you should check the switch is closed. After electrifying, finger may not frequently on switch; nor can be seized on, the tools of the plug is inserted into the power socket, or prone to accidents.
12. Before the start of electric tool, it must remove the tool for adjustment or wrench. If wrench or tool stay in power tool rotating part, it may cause injury.
13. You can not hand over the tools taking and processing. When in work, you must maintain proper posture and stance. This can make you control of electric tool in unexpected situations better.
14. Pay attention to clothes. Do not wear loose clothing and accessories. Make the hair, clothing and gloves away from moving parts. Loose clothing, jewellery and hair may be moving parts.
15. If you can connect the dust removal equipment and dust collection equipment, please be sure to properly connect and use. The use of these devices can reduce the dust and the associated risk.

### The use and maintenance of power

16. Do not use the power tool reluctantly should select suitable tools, must be in the specified load capacity for tool use so that it can obtain good effect and safety.
17. Do not use the power tool switch failure cannot be controlled by the switch of the electric tool is dangerous and it must be repaired.
18. When tool adjustment, replacing the attachment before or tools not in use, be sure to unplug the power plug and/or the battery box. These preventive safety measures can reduce the risk of accidental starting electric tool.
19. Do not let the child contact electric tools, and not let person who be unfamiliar with the this manual operate electric tool. That untrained personnel to operate power tools is dangerous.
20. Maintenance of power tools. You should check the removable portion if aligned or jammed, whether there is damage to components and all may affect the normal operation of the. If damaged, to be repaired before use. Many accidents are caused by bad for electric tools maintenance.
21. Keep tool sharp, clean. Maintenance well and sharp cutting tools can not be blocked and easy to control.
22. When the use of power tools, accessories and tools, please press the manual provisions, and in accordance with the specific, electric tool types of usage, while considering the working environment and to operation. If you do electric tool for regulation purposes other than the operation, it is danger.

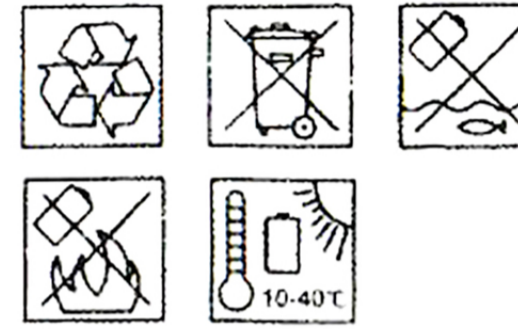
### Repair

23. The repair of the electric tool should be worked by a professional repair people who use figured parts repair. This will ensure the safety of electric tool.

## Additional safety rules of Rechargeable screwdriver drill

1. When operated, tool may touch the concealed wiring or its own wire, please hold on the insulating surface of the handle tool. That with a charged conductor contact would let exposed metal components be charged, and the operator of electric shock.
2. Must stand. When using power tools in height, you should ensure that no one below unattended.
3. Be sure to hold power tools. The tightening and loosening the screws, may appear short strong reaction torque.
4. The hand must be far away from the rotating components.
5. Don't let the tool in the unmanned operation. Only in a hand tool operation.
6. You must pat down their tools until wait for the electric tool is completely.
7. You can not touch the drill bit or the work piece immediately at the end of the operation, now they may be very hot and can burn the skin.
8. Ensure to confirm switch if is in the closed position before you inserted in the battery box. If the switch is in an open position, it prone to accidents.
9. Only use the manufacturer specified charger. The use of mismatched charger for charging battery box has become a fire hazard.
10. Electric tools can only be equipped with a specified battery box. The use of mismatched cartridge may cause ginseng injury or fire accident.

## The important of safety battery box



Please collect battery box and deal with it to meet the requirements of environmental protection.

1. Please read all instructions and markers in battery products on the matters needing attention before use.
2. Don't remove the battery box without authorization.
3. If the operation time is significantly shortened, you should stop operation immediately. Otherwise it may lead to overheating, combustion and explosion.
4. If the electrolyte into the eyes, please rinse with clean water, and see the doctor immediately. This may lead to impaired vision.
5. Don't put the battery in temperature that can reach or exceed 50 degrees Celsius (122 degrees F) in custody.

## On the important safety charger

1. Please read all instructions and markers in battery products on the matters needing attention before use.
2. The matters needing attention is in order to reduce the risk of injury, please do not give other rechargeable battery, to other types of rechargeable batteries may make its explosion, resulting in personal injury and amage.
3. The battery charger can not give a rechargeable battery.
4. The chargers, electric wire and plug must be examined before use. If it is found that the fault is not continue to use. Let professional repair personnel repair it and can only change original parts.
5. Please use the charger nameplate on the specified voltage supply.
6. Do not charge battery packs with flammable liquids and gases in the presence of environment. Do not put the chargers placed in flammable items (such as paper, textiles and so on).
7. Do not allow the chargers exposed to rain and snow.
8. Do not carry the wires to a mobile charger or pulling the wire from the power outlet.
9. After charging or to do any maintenance or cleaning before, please will power charger plugs from the power pull. Please be sure to pull the plug and not the power line to unplug the power charger.
10. Please replace the power line not into being trampled, winding or easily damaged or stretch.
11. Do not use the damaged power line or the plug of charger and you should replace immediately.
12. If the charger is fierce collision or fall on the ground as well as in any other way to damage, please do not use or be dismounted, should be handed over to the qualified personnel processing repair. The use of inappropriate or assembly may be an electric shock or fire hazard.
13. In the absedce of guiding case, children, or people who are not familiar with it can not use the battery charger.
14. Children should be told to not play with nattery charger.
15. When the temperature is below 10 degrees celsius (50 degrees F) or above 40 degrees C (104 degrees F) not to charge the battery.
16. Do not use the stepping engine generator or transformer, DC power supply socket.

6. Don't make the battery box to form short circuit:
  - (1) Should not be exposed to any conductor terminal.
  - (2) Not kept in a battery of nails, coins and other metal items within the container.
  - (3) Don't make the battery by rain or water battery short circuit can cause great current through and overheating, can cause burning, even marking the machine broken.
7. Even when the battery is seriously damaged or have complete loss, also not be burned, because the battery charger will be in the fire explosion.
8. Pay attention not to fall or strike battery.

## Keep skills of the battery the longest service life

- To charge the battery before discharge in the security. When the machine power is insufficient, you must stop the machine operation and charging the battery.
- Don't have enough electricity to charge a battery. Excessive charging will shorten battery life.
- Don't have enough electricity to charge a battery. Excessive charging will shorten battery life. If more than six months without the use of batteries to be charged.