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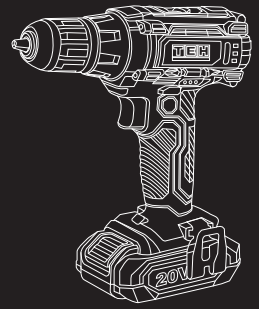
Cordless Drill

TDLI212-TDLI220T

To Be Your Exclusive Helper



TEH

TECHNICAL SPECIFICATION

Model	TDLI212	TDLI212S	TDLI216	TDLI220	TDLI220T
Voltage	12V	12V	16V	20V	20V
Key chuck capacity	0.8-10mm	0.8-10mm	0.8-10mm	0.8-10mm	0.8-10mm
Gear	Two speed	Two speed	Two speed	Two speed	Two speed
No Load Speed	0-350/1350r/min	0-350/1350r/min	0-350/1350r/min	0-400/1500r/min	0-400/1500r/min
Max. torque	23N.m	23N.m	28N.m	30N.m	30N.m
Adjustable torque setting	18+1	18+1	18+1	18+1	21+1
Charge time	1 Hour	1 Hour	1 Hour	1 Hour	1 Hour
Battery capacity	1.5Ah	1.5Ah	1.5Ah	1.5Ah	1.5Ah

COMPONENTS AND ACCESSORIES

Accessories included:

1 instruction manual
1 screwdriver
1 charger

SAFETY INSTRUCTIONS

WARNING ⚠

Read all instructions. Failure to follow all instructions listed below may result in electric shock, fire and/or other serious injury. The term "power tools" in all of the warnings listed below refers to mains-operated (corded) power tool or battery operated (cordless) power tool.

WORK AREA

a) Keep work area clean and well lit. Cluttered and dark areas invite accidents.

b) Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases or dust. Power tools create sparks which may ignite the dust or fumes.

c) Keep children and bystanders away while operating a power tool. Distractions can cause you to lose control.

ELECTRICAL SAFETY

a) Power tool plugs must match the outlet. Never modify the plug in any way. Do not use any adapter plugs with earthed (grounded) power tools. Unmodified plugs and matching outlets will reduce risk of electric shock.

b) Avoid body contact with earthed or grounded surfaces such as pipes, radiators, ranges and refrigerators. There is an increased risk of electric shock if your body is earthed or grounded.

c) Do not expose power tools to rain or wet conditions. Water entering a power tool will increase the risk of electric shock.

d) Do not abuse the cord. Never use the cord for carrying, pulling or unplugging the power tools. Keep cord away from heat, oil, sharp edges or moving parts. Damaged or entangled cords increases the risk of electric shock.

e) When operating a power tool outdoors, use an extension cord suitable for outdoor use. Use of a cord suitable for outdoor use reduces the risk of electric shock.

PERSONAL SAFETY

a) Stay alert, watch what you are doing and use common sense when operating a 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.

b) Use safety equipment. Always wear eye protection. Safety equipment such as dust mask, non-skid safety shoes, hard hat, or hearing protection used for appropriate conditions will reduce the risk of personal injuries.

c) Avoid accidental starting. Ensure the switch is in the off-position before plugging in. Carrying power tools with your finger on the switch or plugging in the power tools that have the switch on invites accidents.

d) Remove any adjusting key or wrench before turning the power tool on. A wrench or a key to a rotating part of the power tool may result in personal injury.

e) Do not overreach. Keep proper footing and balance at all times. This enables better control of the power tool in unexpected situations.

f) Dress properly. Do not wear loose clothing or jewellery. Keep your hair, clothing and gloves away from moving parts. Loose clothes, jewellery or long hair can be caught in moving parts.

g) If devices are provided for the connection of dust extraction and collection facilities, ensure these are connected and properly used. Use of these devices can reduce dust related hazards.

POWER TOOL USE AND CARE

a) Do not force the power tool. Use the correct power tool for your application. The correct power tool will do the job better and safer at the rate for which it was designed.

b) 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.

c) Disconnect the plug from the power source before making any adjustments, changing accessories, or storing power tools. Such preventive safety measures reduce the risk of starting the power tool accidentally.

d) Store idle power tools out of the reach of children and do not allow persons unfamiliar with power tool or these instructions to operate the power tool. Power tools are dangerous in the hands of untrained users.

e) Maintain power tools. Check for misalignment or binding of moving parts, breakage of parts, breakage or parts and any other condition that may affect the power tools operations. If damaged, have the power tool repaired before use. Many accidents are caused by poorly maintained power tools.

f) Keep cutting tools sharp and clean. Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.

g) Use the power tool, accessories and tool bits etc., in accordance with these instructions and in the manner intended for the particular type of power tool, taking into account the working conditions and the work to be performed. Use of the power tool for operations different from intended could result in a hazardous situation.

SERVICE

a) Have your power tool serviced by a qualified repair person using only identical replacement parts. This will ensure that the safety of the power tool is maintained.

b) When servicing a tool, use only identical replacement parts. This will ensure that the safety of the power tool is maintained.

ADDITIONAL SAFETY INSTRUCTIONS FOR BATTERY AND BATTERY CHARGER

BATTERY SAFETY

1. Charge battery prior to first use. The battery pack will been shipped in a low charge state.
2. Use only the charger provided to charge the drill battery.

3. DO NOT attempt recharging the battery by means of an engine generator or a DC power source
4. DO NOT short-circuit the battery by linking both terminals with a metal object, or your fingers etc.
5. DO NOT store the battery (or drill) in locations where the temperature may exceed104˚F（40˚C)such as outside sheds, above heaters, or metal buildings in summer.

WARNING ⚠

Dispose of spent batteries correctly.

DO NOT attempt to dismantle the battery pack. For safety and environmental reasons DO NOT discard in domestic waste or by burning, ONLY discard or recycle according to local authority regulations.

DO NOT allow a leaking battery to contact your person. If you come into contact with battery liquid take the following immediate action:

a) Skin contact: Wash immediately with soap and water, then wash flesh in either lemon juice or vinegar.

b) Eye contact: Wash with a strong solution of boric acid, and seek immediate medical attention.

BATTERY CHARGER SAFETY

WARNING ⚠

DO NOT use the charger to charge any battery other than that supplied for the drill. Other types of batteries may explode!

1. Disconnect the charger from the mains power supply when not in use.
2. Store the charger in the same manner as the battery.
3. DO NOT operate the charger if it has been dropped, or has received a sharp knock, or is damaged. Contact an authorized service agent.
4. DO NOT insert foreign objects or material into the hole reserved for the battery.
5. DO NOT force the battery into the charger. The battery will only fit 0ne way to ensure correct polarity alignment.
6. DO NOT charge a second battery immediately. Consecutive charging will overheat the charger. Allow the unit to cool for 15minstes before charging the next battery.
7. DO NOT attempt to connect two chargers together.

IMPORTANT NOTE

SYMBOLS


Read the manual

Warning


Wearing protection


WEEE marking

BATTERY REMOVAL

Dispose of the battery pack in accordance with local authority guidelines.
DO NOT dispose of as normal waste.

OPERATION INSTRUCTIONS

BATTERY CHARGING

1) Plug the charger into a main electric socket. When switched on, the charger LED will display a green aspect.
2) To release the battery press the battery latch and slide the battery forward.
3) Slide the battery into the charger. The charger LED will display a steady red aspect to show that charging is taking place.
4) When the battery is fully charged, a green aspect will return. Allow the battery to cool before use.
5) Replace the battery in the drill, sliding in until secured by the latch.

NOTE ⚠

When new, the battery may have been shipped in a low charge state. It will take longer to charge the battery initially and several subsequent charges may also take a little longer, compared with when the battery reaches its optimum performance.

USING THE DRILL

1) Ensure the direction switch is in the mid(lock) position. Open the chuck and insert the required drill or screwdriver bit.

2) Select high or low speed by using the selector on top of the casing (high speed for drilling, low for hammer or screw driving).

3) Select the direction of rotation by means of the forward/reverse selector.

4) Select hammer, screw or drill by turning the selector ring.

5) If driving screws, set the required torque by means of the torque selector ring. 1 is the lowest torque setting.

6) The LED work light is lit whenever the trigger is depressed.

7) When the trigger is depressed, the charge level display is also illuminated. When green, amber and red lights are showing, the charge level is healthy. As the charge level drops, the indicator lights go out progressively. When just the red light is showing, the battery requires recharging.

8) When finished, remove the bit, clean the drill and bit and replace the drill in its case.

WOOD DRILLING

1) For maximum performance, use high speed steel bits for wood drilling.

2) Move drilling mode selector to drill model.

3) Secure the work piece to prevent it from turning when drilling.

4) Begin drilling at a very low speed to prevent the bit from slipping off the starting point. Increase the speed as the drill bit bites into the material.

5) When drilling through the holes, place a black of wood behind the work piece to prevent ragged or splintered edges on the back side of the hole.

6) Do not tack the trigger in the "on" position when the drill may need to be stopped suddenly.

METAL DRILLING

1) For maximum performance, use high speed steel bits for metal or steel drilling.

2) Move drilling mode selector to drilling mode.

3) Use a center punch to mark the hole location on the work piece.

4) Begin drilling at a very low speed to prevent the bit from slipping off the starting point.

5) Maintain speed and pressure which allows cutting without overheating the bit. Applying too much pressure will: Overheat the drill, Wear the bearings, Bend or burn bits.

6) Produce off-center or irregular shaped holes.

7) When drilling large holes in metal, it is recommended to drill with a small bit at first, then finish with a larger bit. Also, lubricate the bit with oil to improve drilling action and increase bit life.

MASONRY DRILLING

1) Move drilling mode selector to hammer mode.

2) Apply light pressure and medium speed for best results in brick.

3) Apply additional pressure and high speed for hard materials such as concrete.

4) When drilling in tile, practice on a scrap piece to determine the best speed and pressure.

MAINTENANCE

Your power tool requires no additional lubrication or maintenance. Always store your power tool in a dry place.

If a fault can not be rectified, return the drill to an authorized dealer for repair.

CLEANING

unit by rubbing it with a clean cloth or blow it clean using low-pressure compressed air.

Keep the safety devices, ventilation slots and Motor housing as free of dirt and dust as possible. We recommend that you always clean the unit immediately after using it.

Clean the unit regularly by rubbing it with a damp cloth and a little soft soap. Do not use cleaners or solvents; these will attack the plastic parts in the unit. You must also ensure that water cannot get into the inside of the unit.

WARNING ⚠

For your own safety, never remove parts or accessories of the electric tool during operation. In case of fault or damage have the electric tool repaired only by a specialist workshop or by the manufacturer.

WARRANTY CARD

Dear customers, the warranty service for purchasing TEH products is as follows:

Under normal use, the wear of the rotor steering gear is less than 0.2 mm within three months from the date of purchase. It is guaranteed that the damage is caused by the quality of the tool.

The following conditions occur during the warranty period, not covered by the warranty:

a. Any valid legal document (single ticket) certifying the date of purchase
b. Any damage caused by natural wear and overload
c. Any damage caused by the use of low-priced inferior accessories
d. Any damage caused by improper carrying, transportation or storage
e. Any product that has been opened, repaired, replaced, or modified by itself
f. Any damage caused by misuse, beyond the scope of use of the tool,
and failure to use and maintain in accordance with the instructions

ladies/gentlemen：_____ employer：_____

contact number：_____ fax number：_____

contact address：_____

warranty record：_____

post code：_____

IMPORTANT NOTE

1. The invoice and warranty card must be presented at the time of warranty.
2. The fuselage number on the invoice is the same as the fuselage number on the warranty card.
3. Once this warranty card is issued, if it is lost, it will not be reissued. Please keep it properly.

Note: The company reserves the right to amend the above provisions and has the final interpretation right in the case that the warranty service does not violate national laws.