



[Manuals.plus](#) /

› [TECCPO](#) /

› [TECCPO BHD350D Cordless Brushless Drill Driver User Manual](#)

TECCPO BHD350D

TECCPO BHD350D Cordless Brushless Drill Driver User Manual

Model: BHD350D

[Contents](#) [Features](#) [Introduction](#) [Safety Instructions](#) [Product Overview](#) [Package](#)
[Setup](#) [Operation](#) [Maintenance & Support](#) [Troubleshooting](#) [Specifications](#) [Warranty](#)

1. INTRODUCTION

Thank you for choosing the TECCPO BHD350D Cordless Brushless Drill Driver. This manual provides essential information for the safe operation, maintenance, and troubleshooting of your new tool. Please read it thoroughly before first use and keep it for future reference.

2. GENERAL SAFETY INSTRUCTIONS

Always follow basic safety precautions when using electric tools to reduce the risk of fire, electric shock, and personal injury.

2.1 Work Area Safety

- Keep the work area clean and well-lit. Cluttered or dark areas invite accidents.
- 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.
- Keep children and bystanders away while operating a power tool. Distractions can cause you to lose control.

2.2 Electrical Safety

- Power tool plugs must match the outlet. Never modify the plug in any way.
- 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.
- Do not expose power tools to rain or wet conditions. Water entering a power tool will increase the risk of electric shock.

2.3 Personal Safety

- Stay alert, watch what you are doing, and use common sense when operating a power tool.
- Use personal protective equipment. Always wear eye protection. Protective equipment such as dust mask, non-skid safety shoes, hard hat, or hearing protection used for appropriate conditions will reduce personal injuries.
- Prevent unintentional starting. Ensure the switch is in the off-position before connecting to power source, picking up or carrying the tool.

2.4 Battery Tool Use and Care

- Recharge only with the charger specified by the manufacturer. A charger that is suitable for one type of battery pack may create a risk of fire when used with another battery pack.
- Use power tools only with specifically designated battery packs. Use of any other battery packs may create a risk of injury and fire.
- When battery pack is not in use, keep it away from other metal objects, like paper clips, coins, keys, nails, screws or other small metal objects, that can make a connection from one terminal to another. Shorting the battery terminals together may cause burns or a fire.
- Under abusive conditions, liquid may be ejected from the battery; avoid contact. If contact accidentally occurs, flush with water. If liquid contacts eyes, additionally seek medical help. Liquid ejected from the battery may cause irritation or burns.

3. PRODUCT OVERVIEW

The TECCPO BHD350D is a versatile cordless brushless drill driver designed for various drilling and fastening tasks. Familiarize yourself with its main components:

BRUSHLESS MOTOR



Low energy loss
and More efficient



No need to
replace carbon brush



No sparks
and Low noise



More power
and Longer lifespan



Figure 3.1: Overview of the TECCPO BHD350D Cordless Brushless Drill Driver.

1. Keyless Chuck: For quick and easy bit changes.
2. Torque Adjustment Collar: To select the desired torque setting.
3. Speed Selector Switch: To switch between high and low speed.
4. Forward/Reverse Switch: To control the rotation direction.
5. Trigger Switch: To activate the tool and control speed.
6. LED Work Light: Illuminates the work area.
7. Battery Pack: Provides power to the tool.
8. Battery Release Button: To detach the battery.

4. PACKAGE CONTENTS

Upon unpacking, ensure all items listed below are present and in good condition:

Tournevis sans fil Brushless



Facile à porter

Figure 4.1: TECCPO BHD350D Cordless Brushless Drill Driver, case, and included accessories.

- 1 x TECCPO BHD350D Cordless Brushless Drill Driver
- 1 x 18V 2000mAh Li-ion Battery Pack
- 1 x Fast Charger
- 12 x Accessories (Drill Bits and Screwdriver Bits)
- 1 x Compact Carrying Case
- 1 x User Manual (This Document)

5. PRODUCT FEATURES

The TECCPO BHD350D is equipped with advanced features for efficient and reliable performance:

5.1 Brushless Motor Technology



Figure 5.1: Internal view of the brushless motor.

The brushless motor offers several advantages:

- **Increased Efficiency:** Lower energy loss, leading to longer battery life.
- **No Carbon Brushes:** Eliminates the need for brush replacement, reducing maintenance.
- **Reduced Noise and Sparks:** Operates more quietly and safely.
- **Extended Lifespan:** More durable and reliable due to less wear and tear.

5.2 Torque and Speed Control

BRUSHLESS CORDLESS DRILL



18+1 Torques Adjustment



45Nm MAX



2speed button
0-400/0-1500 RPM



10mm Metal
Keyless Chuck



Figure 5.2: Torque adjustment collar and speed selector.

- **18+1 Torque Adjustment:** Provides precise control for various materials and screw sizes, preventing overtightening or stripping. Maximum torque of 45 Nm.
- **2-Speed Gearbox:**
 - Speed 1 (0-400 RPM): Ideal for high-torque applications like driving screws.
 - Speed 2 (0-1500 RPM): Suitable for high-speed drilling.
- **10mm Metal Keyless Chuck:** Allows for quick and secure bit changes without a key.

5.3 Integrated LED Work Light

LED Work Light

it has integrated LED light for optimal illumination of dark areas



Figure 5.3: LED work light in action.

The integrated LED light automatically illuminates the work area when the trigger is pressed, providing optimal visibility in dimly lit spaces.

6. SETUP

6.1 Charging the Battery

18V



50 minutes fast charging
2000 mAh lithium battery



25A



FAST CHARGER

Green light after full charge
Red light when charging

Figure 6.1: Battery charging process.

1. Connect the fast charger to a suitable power outlet.
2. Slide the 18V 2000mAh Li-ion battery pack onto the charger base. Ensure it clicks securely into place.
3. The charger indicator light will show red during charging and turn green when the battery is fully charged.
4. A full charge typically takes approximately 50 minutes.
5. Once charged, remove the battery from the charger.

6.2 Attaching and Detaching the Battery



Figure 6.2: Attaching the battery to the drill.

- **To Attach:** Align the battery pack with the base of the drill handle and slide it in until it clicks securely into place.
- **To Detach:** Press the battery release button (located on the front of the battery pack) and slide the battery out from the drill.

6.3 Installing and Removing Drill Bits

The keyless chuck allows for quick and easy bit changes.

1. To Install:

- Rotate the chuck collar counter-clockwise until the jaws are open wide enough to insert the bit.
- Insert the drill bit or screwdriver bit fully into the chuck.
- Rotate the chuck collar clockwise to tighten the jaws securely around the bit. Ensure the bit is centered and firmly gripped.

2. To Remove:

- Rotate the chuck collar counter-clockwise to loosen the jaws.
- Remove the bit.

Your browser does not support the video tag.

Video 6.1: Demonstrating battery installation, charging, and bit changes for the TECCPO BHD350D drill driver.

7. OPERATING INSTRUCTIONS

Follow these steps for safe and effective operation of your drill driver:

7.1 Powering On/Off and Speed Control

- **To Power On:** Press the trigger switch. The speed increases as you press the trigger further.
- **To Power Off:** Release the trigger switch.
- **Speed Selection:** Use the 2-speed selector switch on top of the drill to choose between low speed (1) for high torque applications and high speed (2) for faster drilling.

7.2 Torque Adjustment

The torque adjustment collar allows you to set the clutch to the appropriate torque for your task. This prevents over-driving screws or damaging the workpiece.

1. Rotate the torque adjustment collar to select a setting from 1 to 18. Lower numbers are for smaller screws or softer materials, higher numbers for larger screws or harder materials.
2. The drill icon setting is for drilling applications, providing maximum torque without clutch engagement.

7.3 Forward/Reverse Rotation

The forward/reverse switch controls the direction of rotation.

- Push the switch to the left for forward rotation (for drilling and driving screws).
- Push the switch to the right for reverse rotation (for removing screws or freeing jammed bits).
- When the switch is in the center position, the trigger is locked, preventing accidental startup.

7.4 Drilling and Driving Applications



Figure 7.1: Drill driver in various applications, including wood and metal.

- **For Drilling:** Select the drill icon on the torque collar. Use high speed (2) for most drilling tasks. Apply steady, even pressure.
- **For Driving Screws:** Select an appropriate torque setting (1-18) based on the screw size and material. Use low speed (1) for better control.
- Always ensure the workpiece is securely clamped or held.

8. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your tool.

8.1 Cleaning

- Always disconnect the battery pack before cleaning.
- Use a soft, damp cloth to clean the exterior of the tool. Do not use harsh chemicals or abrasive cleaners.
- Keep the ventilation openings clear of dust and debris to prevent overheating. Use compressed air if necessary.

- Clean the chuck jaws regularly to ensure proper grip on bits.

8.2 Battery Care and Storage

- Store batteries in a cool, dry place away from direct sunlight and extreme temperatures.
- Do not store batteries in a discharged state for extended periods. Recharge them periodically if not in use.
- Avoid dropping or subjecting batteries to impact.

8.3 General Storage

- Store the drill driver and its accessories in the provided compact carrying case.
- Keep the tool out of reach of children.
- Store in a dry, secure location.

9. TROUBLESHOOTING

If you encounter issues with your TECCPO BHD350D, refer to the table below for common problems and solutions.

Problem	Possible Cause	Solution
Tool does not start.	Battery not charged or not properly inserted. Forward/reverse switch in center (locked) position.	Charge battery. Ensure battery is fully inserted. Move forward/reverse switch to forward or reverse.
Battery not charging.	Charger not plugged in. Faulty battery or charger.	Check power connection. Try another outlet. Contact customer support if issue persists.
Bit slips in chuck.	Chuck not tightened sufficiently. Bit shank is dirty or damaged.	Tighten chuck firmly. Clean or replace bit.
Reduced power or speed.	Low battery charge. Incorrect speed setting.	Recharge battery. Switch to higher speed setting (2).

10. SPECIFICATIONS

Feature	Specification
Model Number	BHD350D
Brand	TECCPO
Power Source	Battery Powered
Voltage	18 Volts
Max Torque	45 Newton Meters
No-Load Speed	0-400 / 0-1500 RPM (2 speeds)
Chuck Size	10mm Keyless
Battery Capacity	2000mAh (2.0Ah) Li-ion

Feature	Specification
Charging Time	Approx. 50 minutes (Fast Charger)
Dimensions (L x W x H)	17.2L x 6W x 19.2H centimeters
Included Components	12 accessories, 1 battery, 1 charger, compact case

11. WARRANTY AND SUPPORT

TECCPO products are manufactured to high-quality standards and are guaranteed against manufacturing defects. For detailed warranty information, please refer to the warranty card included with your product or visit the official TECCPO website.

If you have any questions, require technical assistance, or need to claim warranty service, please contact TECCPO customer support through the following channels:

- **Email:** [Insert Customer Support Email Here]
- **Phone:** [Insert Customer Support Phone Number Here]
- **Website:** [TECCPO Official Store](#)

Please have your model number (BHD350D) and purchase date ready when contacting support.

