

MQFORU TY002

MQFORU Cordless Power Screwdriver TY002 User Manual

Model: TY002

1. INTRODUCTION

Thank you for choosing the MQFORU Cordless Power Screwdriver TY002. This rechargeable electric screwdriver is designed for various household screwing and light drilling tasks. It features a pivoting handle, integrated LED lights, and comes with a comprehensive 47-piece accessory kit for versatility. Please read this manual thoroughly before use to ensure safe and efficient operation.

2. SAFETY INFORMATION

WARNING: Read all safety warnings, instructions, illustrations, and specifications provided with this power tool. Failure to follow all instructions listed below may result in electric shock, fire, and/or serious injury.

General Power Tool Safety

- **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.
- **Electrical Safety:** 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. Avoid body contact with earthed or grounded surfaces such as pipes, radiators, ranges, and refrigerators.
- **Personal Safety:** Always wear eye protection. Use hearing protection when operating for extended periods. Dress properly; do not wear loose clothing or jewelry. Keep hair and clothing away from moving parts.
- **Tool Use and Care:** Do not force the power tool. Use the correct power tool for your application. Disconnect the plug from the power source and/or remove the battery pack, if detachable, from the power tool before making any adjustments, changing accessories, or storing power tools.

Battery Safety

- Recharge only with the charger specified by the manufacturer.
- Do not expose battery packs or tools to fire or excessive temperature. Exposure to fire or temperature above 130°C (265°F) may cause explosion.
- Follow all charging instructions and do not charge the battery pack or tool outside the temperature range specified in the instructions.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

- 1x MQFORU Electric Screwdriver (Model TY002)
- 1x USB Charging Cord
- 1x Flexible Hex Shaft
- 28x Short Screwdriver Bits (various types and sizes)
- 8x Socket Wrenches (5-12mm)
- 4x Long Screwdriver Bits
- 2x Twist Drill Bits
- 1x Sleeve Connecting Rod
- 1x Storage Case

47-IN-1 SCREWDRIVER SET



Image: Overview of the 47-in-1 screwdriver set components, including the screwdriver, charging cable, various bits, sockets, flexible shaft, and storage case.

4. PRODUCT FEATURES

- **High Torque & Speed:** Maximum torque of 3.5 N·m (30 in-lbs) and a no-load speed of 220-250 RPM for efficient screwing and light drilling.
- **Quick Change Magnetic Chuck:** Allows for easy and rapid replacement of screwdriver bits and accessories.
- **Pivoting Handle:** The handle can be adjusted to two positions (straight or pistol grip) by pressing the lock button, enabling access to confined spaces.
- **Integrated LED Light:** A front LED light illuminates the work area, useful in dark environments. It can also function as a small flashlight.
- **Forward/Reverse Switch:** Simple switch for driving screws in or out.
- **Rechargeable Battery:** Built-in 3.6V 1300mAh Lithium-Ion battery for cordless operation.
- **USB Charging:** Convenient charging via USB micro cable, compatible with various USB power sources.
- **Comprehensive Accessory Set:** Includes 47 pieces of commonly used screwdriver bits, socket wrenches, and drill bits.

Feature Highlights



Image: The screwdriver demonstrating its 2-position pivoting handle for versatile use.



Image: The integrated LED light illuminating a dark work area, enhancing visibility.



Image: Close-up of the 1/4-inch quick magnetic chuck,

showing a bit securely held in place.



Image: Diagram illustrating the powerful internal motor of the screwdriver.

5. SETUP

5.1 Initial Charging

Before first use, fully charge the screwdriver's battery. Refer to Section 7 for detailed charging instructions.

5.2 Inserting/Changing Bits

1. Ensure the screwdriver is off and the forward/reverse switch is in the locked (middle) position.
2. Select the appropriate screwdriver bit, socket, or drill bit for your task.
3. Insert the hex shank of the bit directly into the magnetic chuck until it is securely seated. The magnetic chuck will hold the bit firmly.
4. To remove a bit, simply pull it straight out from the chuck.

5.3 Adjusting the Pivoting Handle

1. Locate the lock button on the side of the screwdriver handle.
2. Press and hold the lock button.
3. Rotate the handle to your desired position (straight or pistol grip).
4. Release the lock button to secure the handle in place. Ensure it clicks into position.

6. OPERATING INSTRUCTIONS

6.1 Powering On/Off and Direction Control

1. **Forward (Screwing In):** Push the forward/reverse switch to the left (when viewed from the back of the tool) to engage clockwise rotation.
2. **Reverse (Screwing Out):** Push the forward/reverse switch to the right to engage counter-clockwise rotation.
3. **Lock (Off):** Position the switch in the middle to lock the tool and prevent accidental activation.
4. To operate, select the desired direction, then press the trigger switch. Release the trigger to stop.

6.2 Using the LED Work Light

The LED light automatically activates when the trigger switch is pressed, illuminating the work area. It turns off when the trigger is released.

6.3 Using the Flexible Hex Shaft

For reaching screws in awkward or tight angles, attach the flexible hex shaft to the screwdriver's chuck. Then, insert the desired bit into the end of the flexible shaft.



THE PERFECT DIY TOOL FOR CRAFTING



Image: A person using the MQFORU cordless screwdriver to assemble a piece of furniture, demonstrating typical application.

7. CHARGING INSTRUCTIONS

The MQFORU Cordless Power Screwdriver is equipped with a rechargeable Lithium-Ion battery.

1. Locate the USB micro charging port on the screwdriver.
2. Connect the provided USB charging cable to the screwdriver's charging port.
3. Connect the other end of the USB cable to a suitable USB power source, such as a computer USB port, a power bank, a car charger, or a USB wall adapter (not included).
4. The battery indicator light (if present) will show the charging status.
5. A full charge typically takes 2-5 hours. Do not overcharge the battery.

6. Disconnect the charging cable once charging is complete.



Image: The cordless screwdriver connected via USB cable to a laptop, illustrating the charging process.

8. MAINTENANCE

8.1 Cleaning

- Always ensure the tool is switched off and disconnected from any power source before cleaning.
- Wipe the tool's exterior with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners.
- Keep ventilation openings clear of dust and debris to prevent overheating.

8.2 Storage

- Store the screwdriver and its accessories in the provided storage case.
- Store in a dry place, away from direct sunlight and extreme temperatures.
- Keep out of reach of children.

9. TROUBLESHOOTING

| Problem | Possible Cause | Solution |
|---|---|--|
| Screwdriver does not turn on. | Battery is depleted. Forward/reverse switch is in the locked position. | Charge the battery. Move the forward/reverse switch to the forward or reverse position. |
| Battery not charging. | Charging cable or adapter is faulty. Charging port is dirty. | Try a different USB cable or power adapter. Clean the charging port gently. Ensure connections are secure. |
| Bit is not holding securely in the chuck. | Bit is not fully inserted. Chuck is damaged. | Push the bit firmly into the magnetic chuck. If the problem persists, contact support. |
| Reduced power or speed. | Low battery charge. Overloading the tool. | Recharge the battery. Do not apply excessive force; allow the tool to work at its own pace. |

10. SPECIFICATIONS

| Specification | Detail |
|--------------------|--|
| Brand | MQFORU |
| Model Number | TY002 |
| Power Source | Battery Powered |
| Battery Type | Lithium Ion |
| Battery Voltage | 3.6 Volts |
| Battery Capacity | 1300 mAh |
| No-Load Speed | 220-250 RPM |
| Max Torque | 3.5 N·m (30 in-lbs) |
| Charging Time | 2-5 hours |
| Chuck Type | 1/4" Quick Magnetic Hex Chuck |
| Material | High Carbon Steel, Acrylonitrile Butadiene Styrene (ABS) |
| Product Dimensions | 9.45"L x 2.56"H |
| Item Weight | 2.09 pounds |
| Special Features | Pivoting Handle, LED Light, Ergonomic Design |

11. WARRANTY AND SUPPORT

For warranty information or technical support, please contact MQFORU customer service through the retailer where the product was purchased or visit the official MQFORU website. Please have your model number (TY002) and purchase details available when contacting support.

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