

1. Overview

This manual provides instructions for the safe and effective use of the AOBEN Cordless Electric Ratchet Wrench Set. The tool is a 12V, 3/8" drive power ratchet designed for removing and installing bolts and nuts in automotive, mechanical, and home improvement applications.



2. Package Contents

Before use, verify your kit contains the following items:

- 1 x AOBEN Cordless Ratchet Wrench
- 2 x 2000mAh 12V Lithium-Ion Batteries
- 1 x Battery Charger
- 6 x Sockets (Various Sizes)
- 1 x 1/4 inch Adapter
- 1 x 3 inch Extension Bar
- 1 x User Manual
- 1 x Carry Case



PORTABLE CHARGER

3. Product Features & Specifications

3.1 Key Features

- **Powerful Motor:** 12V Max motor delivering up to 40 ft-lbs (54 Nm) of torque.
- **High Speed:** Variable-speed trigger providing up to 280 RPM.
- **LED Work Light:** Integrated light on the front illuminates dark workspaces.

- **Battery Indicator:** LED lights on the side display remaining battery power.
- **Directional Switch:** A reverse switch located on the back of the head to change rotation direction and prevent accidental activation.
- **Heat Management:** Air-cooled motor with heat-sinking capability to stabilize battery temperature.
- **Ergonomic Design:** Slip-resistant grip for secure handling.



3.2 Technical Specifications

- **Drive Size:** 3/8 inch
- **Voltage:** 12 Volts DC
- **Battery Capacity:** 2000mAh (per battery)
- **No-Load Speed:** 280 RPM
- **Max Torque:** 40 ft-lbs (54 Nm)
- **Head Style:** Fixed Square
- **Length:** 30.5 cm (12 inches)
- **Weight (Approx.):** 2 kg (4.4 lbs) with battery
- **Material:** Metal construction with polished finish.

4. Use Guide

4.1 Initial Setup & Charging

1. Remove all components from the carry case.

2. Insert a battery into the charger. The charger indicator will light up to show charging status.
3. Fully charge both batteries before first use. Refer to the charger's indicator lights for charge completion.
4. Insert a charged battery into the base of the ratchet wrench until it clicks into place.

4.2 Attaching Sockets and Accessories

1. Select the appropriate socket size for your fastener (bolt or nut).
2. Push the socket onto the 3/8" square drive of the ratchet head. It should lock into place with a click.
3. To use the 1/4" adapter or 3" extension bar, first attach it to the ratchet drive, then attach the socket to the adapter or extension.
4. To remove a socket or accessory, pull the locking collar on the ratchet head back and pull the accessory off.



4.3 Operating the Ratchet

1. **Power On/Off & Direction:** Use the switch on the back of the ratchet head to select forward (clockwise) or reverse (counter-clockwise) rotation. The center position is off.
2. **Speed Control:** Squeeze the variable-speed trigger to start the motor. Apply more pressure to increase speed.
3. **Using the LED Light:** The front LED work light turns on automatically when the trigger is pressed.
4. **Checking Battery Level:** The LED indicator lights on the side of the unit show the approximate remaining battery charge.

5. For final tightening or breaking loose stubborn fasteners, you may need to apply manual force to the handle in conjunction with the tool's power.

4.4 Storage and Maintenance

- Store the tool and all accessories in the provided carry case to keep them organized and protected.
- Keep the tool clean and free of debris. Wipe with a dry cloth.
- Do not immerse the tool or battery in water or other liquids.
- Store batteries in a cool, dry place away from direct sunlight and metal objects.
- If the tool will not be used for an extended period, remove the battery.



5. Safety Information

- Read all instructions before using the tool.
- Always wear appropriate personal protective equipment (PPE) such as safety glasses.
- Ensure the directional switch is in the correct position (off) before inserting or removing a battery.
- Do not use the tool if it or the battery is damaged.
- Use only the provided AOBEN charger to charge the batteries.
- Do not expose the tool or battery to rain or wet conditions.
- Keep hands and clothing away from moving parts.
- The tool is designed for driving bolts and nuts. Do not use it as an impact wrench or for drilling.

6. Troubleshooting

- **Tool does not start:** Check if the battery is charged and properly inserted. Ensure the directional switch is not in the center "off" position.
- **Weak power or slow speed:** The battery may be low. Recharge or replace with a charged battery.
- **Socket won't stay on:** Check the locking mechanism on the drive head for debris or damage. Ensure the socket is fully seated.
- **LED work light not functioning:** The light activates with the trigger. If the tool runs but the light doesn't work, the LED may be faulty.
- **Excessive heat:** Allow the tool and battery to cool down if they become hot during prolonged use.

7. Warranty and Support

This product is backed by a 12-month limited warranty from the date of purchase. For warranty service or support, please contact the manufacturer:

Manufacturer Contact Information: Jinhua, Zhejiang 321399, CN

Please have your model number (AB7331T) ready when contacting support.

Warning

This content is compiled from multiple sources and is provided for reference purposes only. It may not be complete or fully applicable to all situations. If you are unable to resolve your issue, please contact the product manufacturer or an authorized service provider for official support.