

KIMO QM-3603

KIMO Electric Impact Wrench User Manual

Model: QM-3603

1. SAFETY INSTRUCTIONS

Please read and understand all safety warnings and instructions before operating this tool. Failure to follow the warnings and instructions may result in electric shock, fire, and/or serious injury.

- **Work Area Safety:** Keep your work area clean and well lit. Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases, or dust. Keep children and bystanders away while operating a power tool.
- **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.
- **Personal Safety:** Always wear eye protection. Use personal protective equipment such as dust masks, non-skid safety shoes, hard hats, or hearing protection when appropriate. Prevent unintentional starting. Ensure the switch is in the off-position before connecting to battery pack, picking up or carrying the tool.
- **Tool Use and Care:** Do not force the power tool. Use the correct power tool for your application. Disconnect the battery pack from the power tool before making any adjustments, changing accessories, or storing power tools. Store idle power tools out of the reach of children and do not allow persons unfamiliar with the power tool or these instructions to operate the power tool.
- **Battery Tool Use and Care:** Recharge only with the charger specified by the manufacturer. Use power tools only with specifically designated battery packs. When battery pack is not in use, keep it away from other metal objects.
- **Service:** 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.

2. PRODUCT OVERVIEW

The KIMO Electric Impact Wrench QM-3603 is a versatile cordless tool designed for various fastening and drilling tasks. It features a powerful motor, multiple operating modes, and a lightweight design for enhanced usability.

2.1 Package Contents

- Electric Impact Wrench Body
- 4000mAh Battery (QM-3603-4.0 Battery)
- Fast Charger
- Bit Set (3 pieces)
- Wood Drill Bit Set (3 pieces)
- Metal Drill Bit Set (3 pieces)
- Adapter Socket for Drills
- Impact Sockets (15mm, 17mm, 19mm, 21mm)
- O-ring (1 piece)
- Storage Bag
- User Manual

2.2 Key Features

- **Long Operation & Fast Charging:** Equipped with a 20V 4000mAh lithium-ion battery, providing 20-40 minutes of continuous use and a 120-minute full charge time. Features a battery level indicator.
- **Intelligent Auto-Stop Function:** Prevents over-tightening and damage to bolts/nuts, ideal for tire changes. Enhances safety and extends tool lifespan.
- **Three-in-One Versatility:** Functions as an impact wrench, electric drill, and electric driver. Includes various impact sockets and drill bits for wood, metal, and screws.
- **Optimized with 3 Modes:** Auto-stop mode for safety, high-efficiency mode (0-2600rpm) for tough tasks, and power-saving mode (0-1600rpm) for delicate work and extended battery life.
- **Industry-Leading Power:** Delivers a maximum torque of 550 N·m, capable of loosening rusted or stubborn bolts. Suitable for automotive repair, construction, and heavy-duty tasks.
- **Stepless Speed & Forward/Reverse:** Adjustable speed from 0-2600rpm via trigger pressure. Forward/reverse switch for easy tightening and loosening.
- **Lightweight & Illuminated Work Area:** Weighs only 1.1kg for comfortable one-handed operation. Integrated LED light illuminates dark work areas.
- **Low Noise Design:** Significantly reduces operational noise, making it suitable for use in residential areas or early morning/late night.

3. SETUP

3.1 Charging the Battery

Before first use, fully charge the battery.

1. Connect the fast charger to a power outlet.
2. Insert the battery pack into the charger. The indicator light on the charger will show charging status.
3. Once fully charged (approximately 120 minutes), remove the battery from the charger.



Image: The KIMO 4000mAh battery being charged by the rapid charger. The battery features a 4-stage LED indicator for charge level.

3.2 Attaching/Detaching the Battery

1. To attach: Align the battery pack with the base of the tool and slide it in until it clicks into place.
2. To detach: Press the battery release button (usually on the side of the battery) and slide the battery out.

3.3 Installing Sockets/Bits

The impact wrench uses a 1/2" square drive.

1. Ensure the tool is off and the battery is removed.
2. Push the desired impact socket or bit onto the square drive until it locks securely.
3. To remove, pull back the collar (if present) or simply pull the socket/bit off firmly.



Image: The KIMO Electric Impact Wrench shown with its full set of accessories, including various sockets and drill bits.

4. OPERATING INSTRUCTIONS

4.1 Powering On/Off

The tool is activated by pressing the trigger. Release the trigger to turn off.

4.2 Speed Control

The tool features stepless speed control. The speed increases as you press the trigger further.

4.3 Forward/Reverse Rotation

A switch located near the trigger controls the direction of rotation.

1. For tightening (forward rotation), push the switch to the left.
2. For loosening (reverse rotation), push the switch to the right.
3. For safety, set the switch to the center position to lock the trigger and prevent accidental starting.



Image: Close-up of the KIMO Electric Impact Wrench showing the forward and reverse rotation switch, indicating how to select tightening or loosening modes.

4.4 Mode Selection

The tool offers three operating modes:

1. **Automatic Stop Mode:** When loosening, the tool automatically stops rotation once the nut/bolt is sufficiently loose to prevent it from falling off. This mode is only available in reverse rotation.
2. **High-Efficiency Mode (0-2600rpm):** Provides maximum power for stubborn fasteners.
3. **Power-Saving Mode (0-1600rpm):** Offers stable, lower speed operation, ideal for delicate tasks and extending battery life. This mode is only available in forward rotation.



Image: Diagram illustrating the three operational modes of the KIMO Electric Impact Wrench: Automatic Stop Mode, High-Efficiency Mode, and Power-Saving Mode, with their respective RPM ranges.

4.5 Using the LED Light

The integrated LED light illuminates the work area when the trigger is pressed, improving visibility in dark or confined spaces.



Image: The KIMO Electric Impact Wrench with its LED light activated, illuminating a dark work area, demonstrating its utility in low-light conditions.

5. MAINTENANCE

5.1 Cleaning

Regularly clean the tool's ventilation openings to prevent overheating. Use a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners.

5.2 Battery Care

Store batteries in a cool, dry place away from direct sunlight and extreme temperatures. Do not store fully discharged batteries for extended periods.

5.3 Storage

When not in use, store the tool and accessories in the provided storage bag in a dry, secure location out of reach of children.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
Tool does not start	Battery not charged; Battery not properly inserted; Trigger lock engaged.	Charge battery; Re-insert battery securely; Disengage trigger lock.
Reduced power/torque	Low battery charge; Incorrect mode selected; Tool overheating.	Recharge battery; Switch to High-Efficiency mode; Allow tool to cool down.
Excessive vibration/noise	Loose socket/bit; Damaged internal components.	Ensure socket/bit is securely attached; Contact customer support for inspection.
Battery not charging	Charger not connected; Faulty battery/charger.	Check power connection; Contact customer support for replacement.

7. SPECIFICATIONS

Feature	Detail
Brand	KIMO
Model Number	QM-3603
Voltage	20V
Battery Capacity	4000mAh (4.0Ah) Lithium-ion
Max Torque	550 N·m
No-load Speed (High)	0-2600 rpm
No-load Speed (Low/Power-saving)	0-1600 rpm
Chuck Size	1/2 inch Square Drive
Weight (Tool only)	1.1 kg
Dimensions (Package)	28 x 18 x 18 cm
Color	Green

Feature	Detail
Material	Plastic, Metal

8. WARRANTY AND SUPPORT

KIMO ensures that each product undergoes strict quality inspection before shipment.




If you encounter any issues with the product or have questions, please contact KIMO customer support.



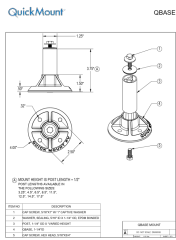
For support, please refer to the contact information provided in the included user manual or visit the official KIMO website.

[Visit the KIMO Brand Store on Amazon](#) for more information and support.

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Related Documents - QM-3603

 <p>KIMO INSTRUCTION MANUAL</p> <p>MODEL: 20V 2.0Ah Lithium-Ion Battery</p> <p>Please Contact Us By: ✉ Email: service@kimotools.com 🌐 Website: www.kimotools.com ☎ Hotline: +1 833 303 1997 📱 WhatsApp: +86 189 3805 9242 www.kimotools.com</p>	<p>KIMO 20V 2.0Ah Lithium-Ion Battery Instruction Manual</p> <p>Instruction manual for the KIMO 20V 2.0Ah Lithium-Ion Battery, covering general use rules, safety instructions, charging indicators, and premium after-service contact information.</p>
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 <p>MODEL 6202 20V CORDLESS LEAF BLOWER</p> <p>www.kimotool.com</p> <p>For more information or comments, contact us at: service@kimotool.com +1 (833) 303 1397 M-F 9am-5pm EST</p>	<p>KIMO 6202 20V Cordless Leaf Blower Instruction Manual</p> <p>This manual provides comprehensive safety instructions, operating procedures, maintenance guidelines, and warranty information for the KIMO 6202 20V Cordless Leaf Blower.</p>
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