

Sundpey RMWRH002

Sundpey Cordless Impact Wrench 1200Nm 21V - Model RMWRH002 User Manual

Model: RMWRH002 | Brand: Sundpey

1. IMPORTANT SAFETY INSTRUCTIONS

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. Save all warnings and instructions for future reference.

- Always wear eye protection and hearing protection when operating the impact wrench.
- 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.
- Avoid accidental starting. Ensure the switch is in the off-position before connecting to battery pack, picking up or carrying the tool.
- Use the correct tool for your application. Do not force the tool.
- Disconnect the battery pack from the tool before making any adjustments, changing accessories, or storing power tools.
- Use only battery packs and chargers specified by the manufacturer.
- 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.

2. PRODUCT OVERVIEW

The Sundpey Cordless Impact Wrench is a powerful and versatile tool designed for various fastening and loosening tasks. It features a brushless motor, variable speed control, and multiple safety protections for efficient and safe operation.



Figure 2.1: Sundpey Cordless Impact Wrench with labeled components including 1/2 inch square drive, brushless motor, LED light, forward/reverse switch, variable speed trigger, soft grip, battery release button, 4.0Ah Lithium battery, and intelligent control panel.

Key Features:

- **Brushless Motor:** Delivers 1200 Nm maximum torque and 2600 RPM for stable and quiet performance. Includes 50A overload protection.
- **Dual 4.0Ah Li-ion Batteries:** Two high-capacity batteries with 60A overload protection, safeguarding against overcharge, over-discharge, overheating, over-voltage, and over-current.
- **3 Adjustable Variable Speeds:** Low, medium, and high-speed modes for precise control over various tasks.
- **Forward & Reverse Modes with RSS Function:** Easy switching between tightening and loosening. The Reverse Automatic Stop (RSS) mode prevents nuts from flying off when loosened.
- **Ergonomic Design:** Non-slip rubber grips for comfortable handling and reduced hand fatigue.
- **Integrated LED Lights:** Two LED lights illuminate the work area in low-light conditions.
- **Portable Kit:** Comes with a tool box, charger, and 6 impact sockets (12/14/17/19/21*78mm/22*60mm), pins, and O-rings.

3. SETUP

3.1 Charging the Battery

Before first use, fully charge both 4.0Ah Li-ion batteries. The charger indicates charging status:

- **Red Light:** Battery is charging.
- **Green Light:** Charging is complete.

A full charge typically takes approximately 2 hours per battery.



Figure 3.1: Illustration of the battery charging process, showing red light for charging and green light for fully charged.

3.2 Attaching/Detaching the Battery

- To attach: Align the battery with the base of the impact wrench and slide it in until it clicks securely into place.
- To detach: Press the battery release button (refer to Figure 2.1) and slide the battery out.

3.3 Installing Impact Sockets

The impact wrench uses a 1/2-inch square drive. Use only impact-rated sockets.

1. Place the O-ring onto the square drive.
2. Insert the desired impact socket onto the square drive.
3. Insert the pin through the hole in the socket and the square drive to secure the socket.
4. Ensure the socket is firmly attached before operation.

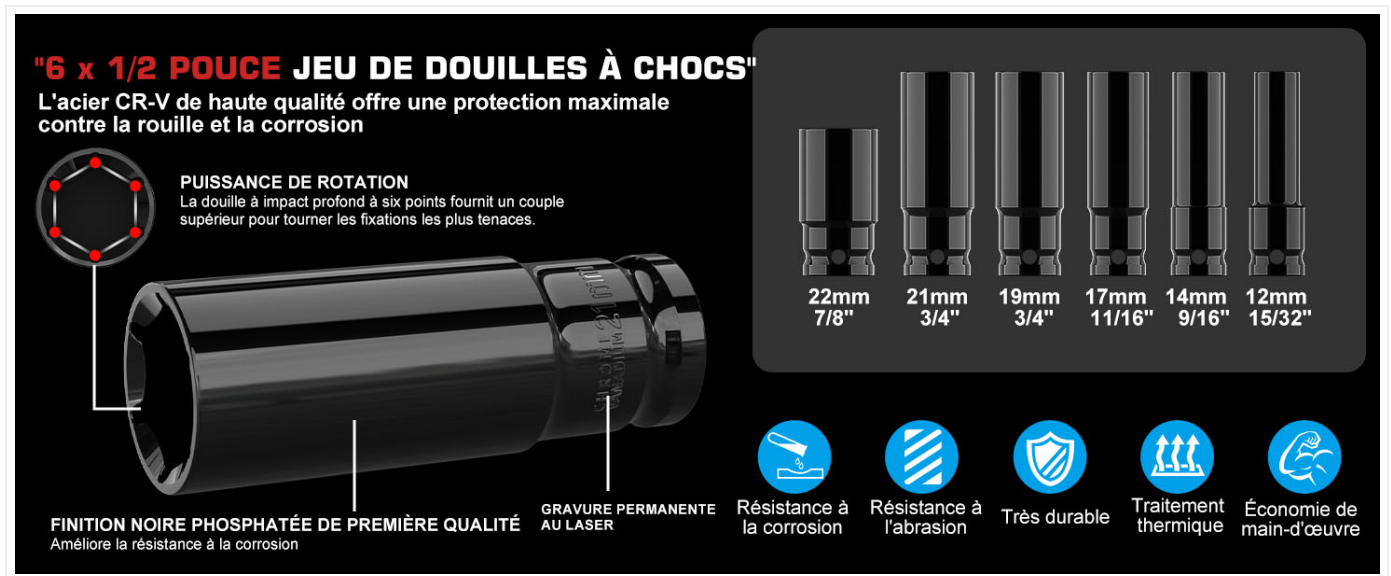


Figure 3.2: Step-by-step guide for installing an impact socket using an O-ring and pin for secure attachment.

4. OPERATING INSTRUCTIONS

4.1 Powering On/Off

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

4.2 Selecting Rotation Direction (Forward/Reverse)

Use the directional switch (refer to Figure 2.1) to select the desired rotation direction:

- **Forward Mode:** For tightening nuts and bolts.
- **Reverse Mode:** For loosening nuts and bolts.
- **Lock Position:** Center the switch to lock the trigger and prevent accidental operation.

MODE AVANT & MODE ARRIÈRE

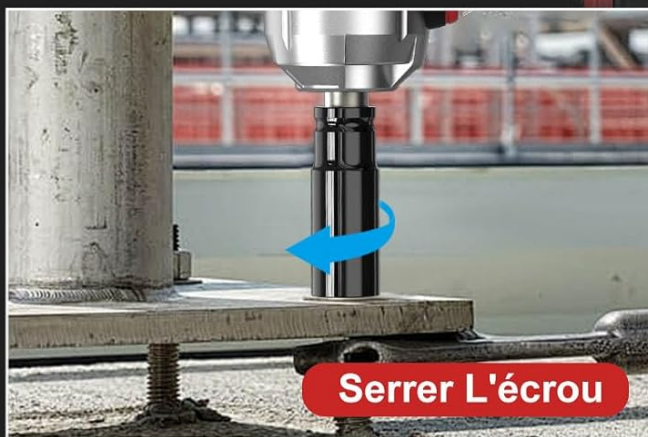
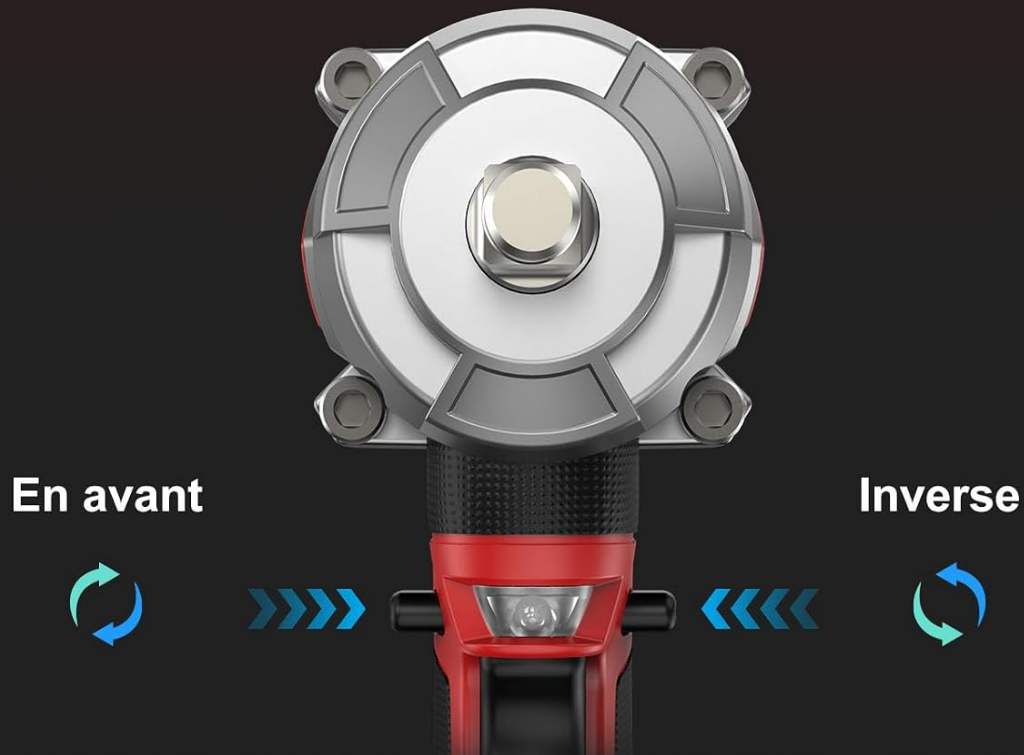


Figure 4.1: Visual representation of the forward and reverse modes for tightening and loosening fasteners.

4.3 Adjusting Speed

The impact wrench offers three adjustable speed modes (low, medium, high) controlled by the intelligent control panel (refer to Figure 2.1). Press the mode button to cycle through the speeds. The speed can also be varied by the pressure applied to the trigger.



Figure 4.2: Digital display indicating the selected speed mode on the impact wrench.

4.4 Reverse Automatic Stop (RSS) Function

In reverse mode, press the RSS button on the control panel to activate the automatic stop function. This feature reduces speed and torque once a fastener is loosened, preventing it from flying off.

4.5 Using the LED Work Lights

The two integrated LED lights automatically illuminate when the trigger is pressed, providing visibility in dark work areas.



Figure 4.3: The impact wrench's LED lights illuminating a dark work environment.

5. MAINTENANCE

5.1 General Cleaning

- Keep the tool's ventilation openings clean and free from debris to prevent overheating.
- Wipe the tool with 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 batteries in a discharged state for extended periods. Recharge them periodically.
- Do not short-circuit battery terminals.

5.3 Storage

When not in use, store the impact wrench and its accessories in the provided tool box in a secure, dry place, out of reach of children.

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CLÉ À CHOCS SANS FIL

OFFREZ-VOUS UNE BOÎTE À OUTILS DE RANGEMENT PORTABLE ET DURABLE



Poids: 4.3kg/9.48lbs

Remarque : ouvrir de ce côté pour éviter la dispersion

Figure 5.1: The Sundpey impact wrench, batteries, charger, and sockets stored in the portable tool box.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
Tool does not start.	Battery not charged or improperly installed. Directional switch in lock position.	Ensure battery is fully charged and correctly inserted. Move directional switch to forward or reverse.
Reduced power or intermittent operation.	Low battery charge. Overload protection activated.	Recharge battery. Reduce load on the tool; allow it to cool down if overheated.

Problem	Possible Cause	Solution
Socket not holding securely.	O-ring or pin missing/damaged. Incorrect socket type.	Replace O-ring and/or pin. Use only 1/2-inch impact-rated sockets.
LED lights not working.	Faulty LED or wiring.	Contact customer support for assistance.

7. SPECIFICATIONS

Feature	Detail
Brand	Sundpey
Model Number	RMWRH002
Voltage	21 Volts
Max Torque	1200 Newton-meters
Max RPM	2600 RPM
Battery Capacity	2 x 4.0Ah Li-ion
Drive Size	1/2 inch Square Drive
Motor Type	Brushless
Item Weight	4.9 Kilograms
Material	Metal
Included Components	1 x impact wrench, 2 x 4.0Ah Li-ion batteries, 1 x charger, 6 x impact sockets (12/14/17/19/21*78mm/22*60mm), 2 x pins, 2 x O-rings, 1 x tool box, 1 x user manual

8. WARRANTY AND SUPPORT

8.1 Warranty Information

This Sundpey product is covered by a manufacturer's warranty against defects in materials and workmanship. Please refer to the warranty card included in your package for specific terms, conditions, and duration. Keep your purchase receipt as proof of purchase for warranty claims.

8.2 Customer Support

For technical assistance, troubleshooting, or warranty inquiries, please contact Sundpey customer support. Contact details can typically be found on the product packaging, the official Sundpey website, or through your retailer. For online support and product information, visit the official Sundpey store:[Sundpey Store on Amazon](#).

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

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After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question