

## Seesii R38 Nova

# SEESII 21V Cordless Ratchet Wrench R38 Nova User Manual

## 1. INTRODUCTION AND OVERVIEW

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The SEESII 21V Cordless Ratchet Wrench R38 Nova is a powerful and versatile tool designed for various fastening and loosening tasks in automotive and home repair. It features a high-performance 21V motor, delivering a maximum torque of 60 ft-lbs (90 N.m) and a no-load speed of 300 RPM. Its compact and ergonomic design allows for easy maneuverability in tight spaces, enhancing efficiency and reducing user fatigue. Key features include a variable-speed trigger for precise control, a forward/reverse switch, a built-in LED work light for improved visibility, and an interchangeable anvil design for compatibility with different drive sizes.



Image 1.1: The SEESII 21V Cordless Ratchet Wrench R38 Nova.



Image 1.2: Key components of the SEESII Cordless Ratchet Wrench, including the 3/8" drive anvil, forward/reverse toggle, LED light, lock switch, variable speed trigger, rubber handle, and Li-ion battery.

## 2. SETUP

1. **Battery Charging:** Ensure the 2000mAh Li-Ion battery is fully charged before initial use. Connect the charger to a standard power outlet, then connect it to the battery. The battery indicator lights will display the charging status.
2. **Battery Installation:** Align the charged battery with the battery slot on the tool handle and slide it in until it securely clicks into place.
3. **Attaching Sockets/Adapters:** Select the appropriate socket (sizes 10-17mm are included) or adapter (1/4" or 1/2" drive) for your specific task. Push the chosen socket or adapter firmly onto the 3/8" drive anvil until it locks. For tasks requiring extended reach, utilize the included 3" extension bar.
4. **Safety Lock:** Before operating the tool, familiarize yourself with the safety lock switch, typically located near the trigger. Engage the lock when the tool is not in use to prevent accidental activation.

# Multiple Drive Adapters & Quick Release Socket Sets



3 inch  
Extension Bar



3/8 to 1/4 inch  
Drive Adapter



3/8 to 1/2 inch  
Drive Adapter



10-17mm

Image 2.1: The included 3 inch extension bar, 3/8 to 1/4 inch drive adapter, 3/8 to 1/2 inch drive adapter, and 10-17mm sockets.

## 3. OPERATING INSTRUCTIONS

### 1. Forward/Reverse Operation:

- Locate the forward/reverse toggle switch near the drive head.
- To tighten bolts, push the switch to the "F" (Forward) position.
- To loosen or unscrew bolts, push the switch to the "R" (Reverse) position.
- Always ensure the switch is fully engaged in the desired direction before operating the tool.

### 2. Variable Speed Control:

- The tool features a variable-speed trigger. Press the trigger gently for lower speeds and increased control, especially for smaller fasteners or delicate work.
- Press the trigger fully for maximum speed (up to 300 RPM) for faster fastening or loosening.
- This variable speed helps prevent over-torquing and stripping threads.

3. **LED Work Light:** The built-in LED light automatically illuminates the work area when the trigger is pressed, providing clear visibility in dark or confined spaces.

4. **Battery Indicator:** The battery indicator lights on the side of the unit show the remaining battery charge. Monitor these lights to ensure sufficient power for your task.



Image 3.1: Demonstrating the Forward (F) and Reverse (R) switch for tightening and unscrewing bolts.



Image 3.2: The variable speed control allows for smooth operation and is safe for small bolts.



Image 3.3: The bright built-in LED light is ideal for narrow and dark work spaces.

## Demonstration Video: Cordless Ratchet Wrench Operation

Your browser does not support the video tag.

Video 3.1: A demonstration of a 3/8" cordless ratchet wrench in use, showcasing its functionality for various tasks.

## 4. MAINTENANCE

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- Cleaning:** Regularly clean the tool's exterior with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners, as these can damage the tool's finish or internal components. Keep ventilation openings clear of dust and debris to ensure proper cooling.
- Battery Care:**
  - Store batteries in a cool, dry place away from direct sunlight and extreme temperatures.
  - Avoid storing fully discharged batteries for extended periods. Charge them periodically if not in use to maintain battery health.
  - Do not drop or physically damage batteries.
- Storage:** Store the ratchet wrench and its accessories in the provided carrying bag in a dry, secure location, out of reach of children.

## 5. TROUBLESHOOTING

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- **Tool Not Turning On:**

- Check if the battery is fully charged and properly installed.
- Ensure the safety lock switch is disengaged.
- Verify the trigger is being pressed correctly.

- **Reduced Power/Performance:**

- The battery may be low; recharge it.
- Ensure the socket or adapter is securely attached to the drive anvil.
- The tool might be operating under excessive load; reduce the force applied or consider if the task exceeds the tool's capabilities.

- **Overheating:**

- If the tool feels excessively hot during operation, stop use immediately. Allow it to cool down completely.
- Ensure cooling vents are not obstructed. Prolonged heavy use can cause temporary overheating.

## 6. SPECIFICATIONS

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Feature	Specification
Brand	Seesii
Model Number	R38 Nova
Voltage	21 Volts
Max Torque	60 ft-lbs (90 N.m)
No-Load Speed	300 RPM
Drive Size	3/8 inch (with 1/4" and 1/2" adapters)
Operation Mode	Battery
Material	Stainless Steel
Included Components	1x Electric Wrench Ratchet, 2x 2000mAh Li-Ion Batteries, 1x Charger, 8x Sockets (10-17mm), 1x 3" Extension Bar, 1x 1/4" Drive Adapter, 1x 1/2" Drive Adapter, 1x Carrying Bag

## 21V High-Performance All-Copper Motor

Max Torque: **60Ft-lbs (80N.m)**



Image 6.1: Illustration of the 21V high-performance all-copper motor and its specifications.

## 7. WARRANTY INFORMATION

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This SEESII 21V Cordless Ratchet Wrench R38 Nova is covered by a **3-Year Manufacturer's Warranty**. This warranty typically covers defects in materials and workmanship under normal use. For complete details regarding coverage, limitations, and how to make a claim, please refer to the warranty card or documentation included in your product package.

## 8. SUPPORT

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For technical assistance, inquiries about replacement parts, or any other support needs, please contact SEESII customer support. You can typically find contact information through the retailer where you purchased the product or by visiting the official [SEESII brand store](#) online. When contacting support, please have your product model number (R38 Nova) and purchase details readily available.