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## JUEMEL M8818

# JUEMEL 16.8V Cordless Electric Ratchet Wrench Set User Manual

Model: M8818

## INTRODUCTION

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This user manual provides essential information for the safe and effective operation, maintenance, and troubleshooting of your JUEMEL 16.8V Cordless Electric Ratchet Wrench Set. Please read this manual thoroughly before using the product and retain it for future reference.

## SAFETY INFORMATION

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Always observe basic safety precautions when using electric tools to reduce the risk of fire, electric shock, and personal injury.

- Wear appropriate personal protective equipment, including eye protection and gloves.
- 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.
- 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.
- Maintain tools with care. Keep cutting tools sharp and clean.
- Disconnect the battery pack from the tool before making any adjustments, changing accessories, or storing power tools.
- Recharge only with the charger specified by the manufacturer.
- Store idle 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.

## PACKAGE CONTENTS

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Verify that all items are present and in good condition upon opening the package:

- 16.8V Cordless Electric Ratchet Wrench
- 2 x 2000 mAh Lithium-Ion Batteries
- 1 x Fast Charger
- 7 x Sockets (various sizes)
- 2 x Screwdrivers
- 1 x 1/4" Adapter
- 1 x Carrying Case
- 1 x User Manual (this document)



Figure 1: Complete JUEMEL 16.8V Cordless Electric Ratchet Wrench Set including the wrench, two batteries, charger, sockets, screwdrivers, and adapter, all neatly arranged in its carrying case.

## PRODUCT FEATURES

The JUEMEL Cordless Electric Ratchet Wrench is designed for efficiency and ease of use in various applications.

- **Powerful 16.8V Motor:** Delivers a maximum torque of 46 N-m and a variable speed of 0-400 RPM, allowing for flexible control during operation.
- **Compact & Lightweight Design:** Ensures comfortable handling and access to tight spaces.
- **Built-in LED Lighting:** Illuminates the work area, improving visibility in dark or confined environments.
- **Fast Charging System:** Includes two 2000 mAh batteries and a quick charger, enabling a full charge in approximately 40 minutes.
- **Anti-Fallen Socket Design:** Features a slot inside the socket that mates securely with the adapter, preventing accidental detachment during use.
- **Multi-size Sockets & Adapters:** Comes with 7 different size sockets and 2 screwdrivers, along with 3/8" and 1/4" adapters, providing versatility for various tasks.



Figure 2: Key features of the ratchet wrench, including the 3/8" anti-slip output shaft, ventilation holes for heat dissipation, battery light indicator, and the variable speed trigger for precise control.

## A Slot inside Sleeve

- 💡 Anti-slip protection
- 💡 More stable and safer
- 💡 Easier to operate



VS



Figure 3: Illustration of the anti-fallen socket design, which includes an internal slot for enhanced stability and secure attachment to the adapter, preventing accidental drops.

## SETUP

### Battery Installation

1. Ensure the ratchet wrench is turned off.
2. Align the battery pack with the base of the tool.
3. Slide the battery pack into the tool until it clicks securely into place.
4. To remove, press the battery release tabs and slide the battery pack out.

### Attaching Sockets/Adapters

1. Select the appropriate socket or adapter (3/8" or 1/4") for your task.
2. Push the socket or adapter firmly onto the square drive of the ratchet wrench until it locks into place. The anti-fallen design ensures a secure fit.

3. To remove, pull the socket or adapter off the drive.

# Suitable For Working in Narrow and Dark Spaces



LED



Figure 4: The high-capacity 16.8V 2Ah Lithium-Ion batteries and the accompanying fast charger, designed for quick and efficient power replenishment.

## OPERATING INSTRUCTIONS

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### Powering On/Off

Press the variable speed trigger to activate the tool. Release the trigger to turn it off.

### Forward/Reverse Rotation

The direction of rotation is controlled by a switch located near the head of the wrench. Push the switch to the 'F' (Forward) position for tightening and 'R' (Reverse) position for loosening. Always ensure the tool has come to a complete stop before changing the direction of rotation.

# Li-on 16.8V 2Ah

# 2Ah



High capacity

Long Last Battery & 60 min Fast Charger

Figure 5: Visual guide for selecting forward (tighten) or reverse (loosen) rotation using the directional switch on the wrench head.

### Variable Speed Control

The trigger allows for variable speed control. Press the trigger lightly for slower speeds and apply more pressure for higher speeds, providing precise control for different applications.

### LED Work Light

The built-in LED light automatically illuminates when the trigger is pressed, providing visibility in dimly lit work areas.

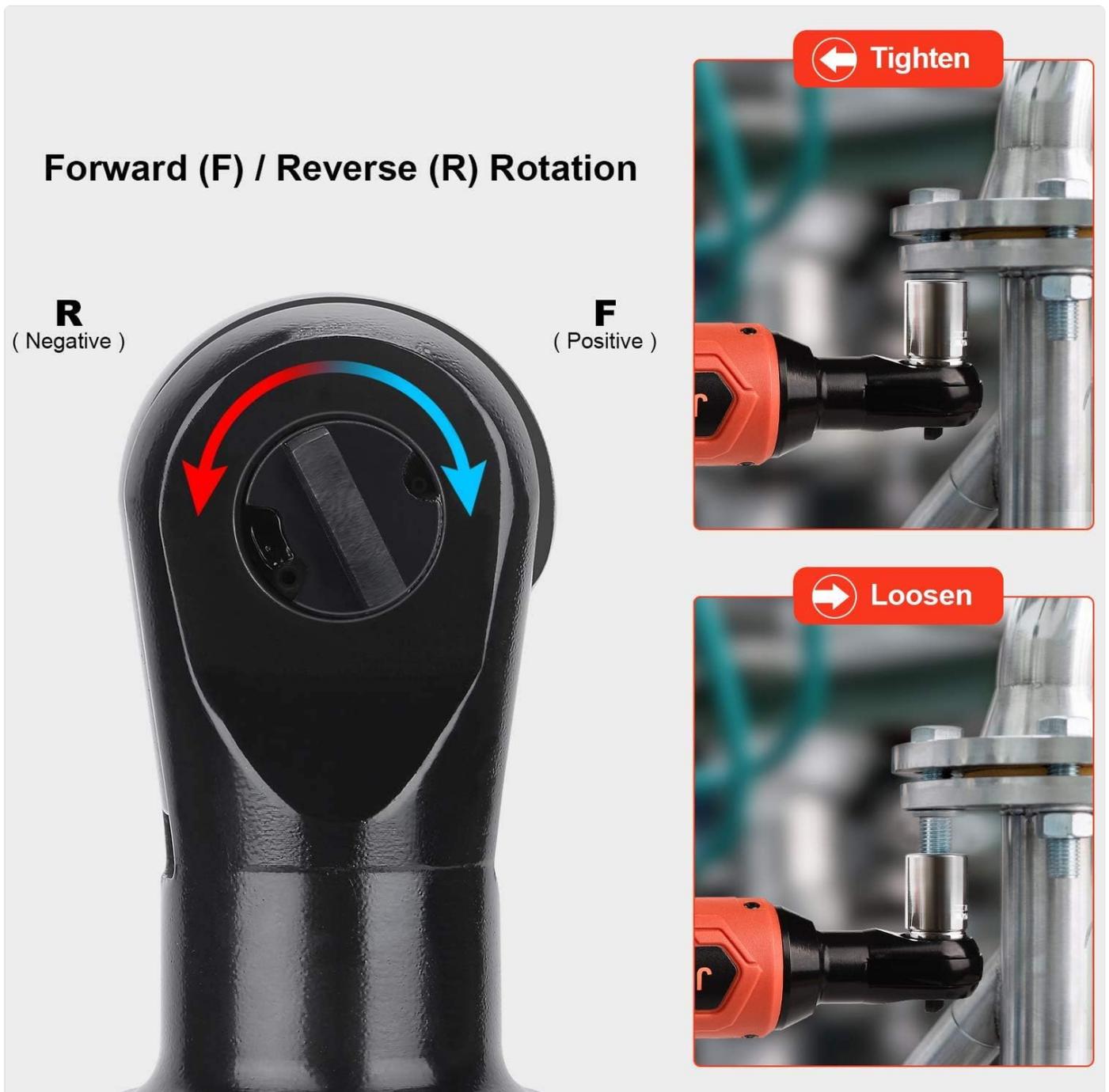


Figure 6: The integrated LED light effectively illuminates confined and dark spaces, making the tool suitable for various working conditions.

## Official Product Video

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Video 1: An official product video demonstrating the 16.8V Cordless Electric Ratchet Wrench in various applications, showcasing its convenience and efficiency for tasks like car repair and general assembly.

## MAINTENANCE

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### Battery Charging

Connect the charger to a standard power outlet and then connect the battery pack to the charger. The indicator light on the charger will show the charging status. A full charge typically takes 40 minutes. Do not overcharge the batteries.

### Cleaning and Storage

- Always disconnect the battery before cleaning.

- Wipe the tool clean with a damp cloth. Do not use harsh chemicals or abrasive cleaners.
- Store the tool and accessories in the provided carrying case in a dry, cool place, away from direct sunlight and moisture.
- For long-term storage, ensure batteries are partially charged (around 50%) to prolong their lifespan.

## TROUBLESHOOTING

Problem	Possible Cause	Solution
Tool does not turn on.	Battery is not installed correctly or is depleted.	Ensure battery is fully seated. Charge the battery.
Reduced power or intermittent operation.	Low battery charge or dirty battery contacts.	Recharge battery. Clean battery contacts with a dry cloth.
Socket falls off during use.	Socket not fully engaged or damaged.	Push socket firmly onto the drive until it clicks. Inspect socket for damage and replace if necessary.
Tool overheats.	Prolonged heavy use or blocked ventilation.	Allow tool to cool down. Ensure ventilation holes are clear of debris.

## SPECIFICATIONS

Feature	Detail
Brand	JUEMEL
Model Number	M8818
Voltage	16.8 Volts
Max Torque	46 N·m
Speed	0-400 RPM (Variable)
Power Source	Battery Powered (Lithium Ion)
Battery Capacity	2000 mAh (per battery)
Chuck Size	0.38 Inches (3/8")
Item Weight	3.96 pounds
Product Dimensions	13 x 2.5 x 2.5 inches
Material	Aluminum, Plastic
UPC	716852962518

## WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the contact details provided on the product packaging or the official JUEMEL website. Keep your purchase receipt as proof of purchase for any warranty claims.