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YUQUESEN RL-002

YUQUESEN Electric Cordless Leaf Blower User Manual

MODEL: RL-002

1. Product Overview

The YUQUESEN Electric Cordless Leaf Blower is a powerful and lightweight tool designed for efficient outdoor and indoor cleaning tasks. Featuring a high-speed brushless turbine motor and advanced battery technology, it provides strong airflow for various applications, from clearing leaves to drying surfaces.



Figure 1: YUQUESEN Electric Cordless Leaf Blower and included accessories.

Key Features:

- **High-Speed Brushless Motor:** Up to 500,000 RPM, generating over 50 M/S airflow for powerful and stable operation without overheating.
- **Dual Battery System:** Includes two 21V-4000mAh Lithium-Ion batteries for extended runtime (up to 26 minutes total).
- **Rapid Charger:** Designed for quick recharging of batteries.
- **Lightweight and Portable:** Weighs only 1.12 pounds, making it easy to handle, store, and transport.
- **Versatile Applications:** Suitable for blowing leaves, dust, water, and cleaning patios, gardens, decks, cars, and workshops.
- **Battery Protection:** Integrated temperature control protection device for enhanced safety and battery longevity.



Figure 2: Illustration of the high-speed brushless motor, capable of 500,000 RPM.

2. Setup

2.1 Battery Installation

1. Ensure the leaf blower is turned off and the trigger is not engaged.
2. Align the battery pack with the battery slot at the base of the blower handle.
3. Slide the battery into the slot until it clicks securely into place. Ensure it is fully seated to prevent accidental detachment during operation.



Figure 3: Detailed view of the 10-cell, 4000mAh battery pack.

2.2 Charging the Batteries

1. Remove the battery from the leaf blower by pressing the release button and sliding it out.
2. Connect the quick charger to a standard electrical outlet.
3. Insert the charging cable into the charging port on the battery. The indicator light on the charger will turn red, indicating that charging is in progress.
4. Once the battery is fully charged, the indicator light will turn green.
5. Disconnect the charger from the battery and the electrical outlet.

Note: *To maximize battery life, it is recommended to keep the battery fully charged when not in use for extended periods.*

3. Operating Instructions

3.1 Powering On/Off

- To turn on the leaf blower, firmly press and hold the trigger switch located on the handle.
- To turn off the leaf blower, release the trigger switch.

3.2 General Operation

Hold the leaf blower firmly with one hand. Direct the air outlet towards the area you wish to clear. The powerful airflow will effectively move debris such as leaves, dust, and water.



Figure 4: The leaf blower in action, demonstrating its powerful wind speed for clearing debris.

3.3 Recommended Uses:

- **Patio and Garden Cleaning:** Efficiently clear fallen leaves, grass clippings, and light debris from patios, decks, and garden paths.
- **Dust Removal:** Ideal for blowing dust from workshops, garages, and hard-to-reach areas.
- **Water Drying:** Quickly dry wet surfaces, such as car exteriors after washing, or small puddles on hardscapes.



Figure 5: Universal applications of the leaf blower for various cleaning tasks.

3.4 Safety Precautions:

- Always wear appropriate personal protective equipment, including eye protection and ear protection, especially during prolonged use, as the unit can be loud.
- Keep hands, hair, loose clothing, and jewelry away from the air intake and outlet during operation.
- Do not operate the blower in wet conditions or near flammable liquids or gases.
- Keep children and bystanders away from the operating area.

4. Maintenance

4.1 Cleaning

- Before cleaning, ensure the battery is removed from the blower.
- Wipe the exterior of the blower with a clean, damp cloth. Do not use harsh chemicals or abrasive cleaners.
- Periodically check the air intake and outlet for any obstructions and clear them if necessary.

4.2 Battery Care and Storage

- Store batteries in a cool, dry place away from direct sunlight and extreme temperatures.
- For optimal battery life, fully charge the batteries before storing them for extended periods.
- Avoid completely draining the batteries before recharging them.

5. Troubleshooting

Problem	Possible Cause	Solution
Blower does not turn on.	Battery not properly installed or discharged.	Ensure battery is fully inserted. Charge the battery until the indicator light turns green.
Reduced airflow or performance.	Air intake/outlet obstructed or battery low.	Check for and remove any obstructions. Recharge the battery.
Blower is excessively loud.	Normal operation for high-speed motor.	Wear ear protection during use.
Battery indicator light is red during charging.	Battery is currently charging.	Wait until the indicator light turns green to indicate full charge.

6. Specifications



Figure 6: Key components and their labels on the leaf blower.

- **Brand:** YUQUESEN
- **Model Name:** RL-002
- **Color:** Dark
- **Power Source:** Cordless (Battery-powered)
- **Form Factor:** Handheld
- **Special Feature:** Lightweight
- **Motor Speed:** Up to 500,000 RPM
- **Airflow Speed:** More than 50 M/S
- **Battery Type:** 2 x 21V-4000mAh Lithium Ion (included)
- **Product Dimensions:** 4.72 x 10.04 x 14.37 inches
- **Item Weight:** 5.48 pounds
- **Country of Origin:** USA

7. Warranty and Support

For any questions or concerns regarding your YUQUESEN Electric Cordless Leaf Blower, please do not hesitate to contact our technical support team. Our team is available 24 hours a day to assist you with product inquiries, troubleshooting, and any other support needs.

Your satisfaction is our top priority.

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