

## Alloyman CYJ-XP-DC

# Alloyman 20V Cordless Leaf Blower Instruction Manual

Model: CYJ-XP-DC

## 1. SAFETY INSTRUCTIONS

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

- **Eye Protection:** Always wear eye protection when operating the leaf blower.
- **Hearing Protection:** Although designed for low noise, prolonged use may require hearing protection.
- **Clear Area:** Ensure the work area is clear of bystanders, children, and pets.
- **Secure Grip:** Maintain a firm grip on the tool during operation.
- **Battery Safety:** Use only the specified 20V lithium-ion battery and charger. Do not expose batteries to water or extreme temperatures.
- **Ventilation:** Do not block air vents during operation.
- **Debris:** Be aware of flying debris. Do not point the blower nozzle at people or animals.

## 2. PACKAGE CONTENTS

Verify that all items are present in the package:

- 1 x Cordless Leaf Blower Unit
- 1 x 2.0Ah Li-ion Battery
- 1 x Quick Charger
- 1 x Adjustable Blowpipe (includes round and flat nozzles)
- 1 x Collection Bag (for vacuum function)

- 1 x User Manual (this document)

**130 MPH**

**ALLOYMAN**

**Infinitely variable speed**  
up to 150CFM

**20V Battery Powered**  
2.0Ah lithium battery

**Copper Motor**  
More durable and efficient

**round tube**  
concentrated wind

**2LBS**  
Featherweight Design

**Extension Tube**  
No need to bend over to work

**wide tube**  
Big blowing area

Image: The Alloyman 20V Cordless Leaf Blower with its included battery, charger, nozzles, and collection bag.

### 3. PRODUCT OVERVIEW

The Alloyman 20V Cordless Leaf Blower is a versatile tool designed for efficient yard cleaning and debris removal. It features a lightweight design, powerful motor, and adjustable nozzles for various tasks.

- **High Power:** Up to 130 MPH / 150 CFM for quick job completion.
- **Lightweight Body:** Weighs only 2 pounds, with an ergonomic, rubber-wrapped handle for comfortable one-handed use.
- **Low Noise:** Designed to meet American sound standards, providing a quiet working environment.

- **Versatile:** Easily handles leaves and debris on hard surfaces like backyards and garages.



Image: A detailed diagram illustrating the key features of the Alloyman 20V Cordless Leaf Blower, including its power, battery, motor, and various nozzle types.

# DURABLE PURE COPPER MOTOR

UP TO 20000RPM 150CFM



Image: A close-up view of the leaf blower's durable pure copper motor, emphasizing its high performance with up to 20,000 RPM and 150 CFM.

## 4. ASSEMBLY

The leaf blower is designed for easy assembly and conversion between blower and vacuum modes.

### 4.1 Attaching the Blowpipe

1. Align the desired nozzle (round for concentrated wind, flat for sweeping) with the blower's air outlet.
2. Twist the nozzle clockwise until it locks securely into place.
3. For extended reach, attach the extension tube between the blower unit and the nozzle.

## 4.2 Converting to Vacuum Function

1. Remove the blowpipe from the air outlet.
2. Attach the collection bag to the air outlet, ensuring it is securely fastened.
3. Attach the vacuum tube to the air intake port (where air is normally drawn in for blowing).
4. Ensure all connections are tight to prevent debris leakage and maintain suction.

## 5. BATTERY CHARGING AND INSTALLATION

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### 5.1 Charging the Battery

The 20V 2.0Ah lithium-ion battery features a real-time capacity indicator. Always charge the battery fully before first use.

1. Connect the quick charger to a standard power outlet.
2. Slide the 20V battery onto the charger base.
3. The charger indicator light will show the charging status. A full charge typically takes 1 hour.
4. Once fully charged, remove the battery from the charger.

# 2000MAH HIGH CAPACITY BATTERY

FAST CHARGE IN 1 HOUR



 HIGH CYCLE LIFE

 STAYS COOL

 360° CELL PROTECTION

Image: An exploded view of the 20V 2.0Ah high-capacity battery, illustrating its internal components and safety features like 360° cell protection.

## FASTER AND STRONGER FULLY CHARGES IN 1 HOUR

- Over Heat Protection
- Short Circuit Protection
- Over Voltage Protection
- Over Current Protection
- Over Discharge Protection
- Over Charge Protection



Image: The Alloyman 20V battery and quick charger, emphasizing its 1-hour fast charging capability and built-in protections against overheating, short circuits, over-voltage, over-current, over-discharge, and over-charge.

## 5.2 Installing the Battery

1. Align the battery with the battery slot on the leaf blower handle.
2. Slide the battery into the slot until it clicks securely into place.
3. To remove, press the battery release button and slide the battery out.

## 6. OPERATING INSTRUCTIONS

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### 6.1 Using as a Leaf Blower

1. Ensure the battery is fully charged and installed.
2. Select and attach the appropriate nozzle for your task: the round nozzle is effective for loosening dirt and wet leaves, while the flat nozzle is ideal for sweeping loose leaves.
3. Press the trigger to start the blower. The blower features variable speed control; press the trigger further for increased air volume and speed.
4. Direct the airflow towards the debris you wish to clear.

# ULTRA-LIGHT BODY

ERGONOMIG DESIGN, SMAL BUT POWERFUL



Image: A user demonstrating the Alloyman 20V Cordless Leaf Blower in action, effectively clearing leaves from a garden path.

# VARIABLE SPEED CONTROL

SIMPLE ON-OFF CONTROL



Image: A visual representation of the leaf blower's variable speed control, indicating how air volume and speed (up to 130 MPH) are adjusted by the trigger.

## 6.2 Using as a Leaf Vacuum

1. Convert the unit to vacuum mode as described in Section 4.2.
2. Ensure the collection bag is properly attached and zipped.
3. Turn on the unit by pressing the trigger.
4. Move the vacuum tube over the debris to be collected. The debris will be drawn into the collection bag.
5. Periodically check and empty the collection bag to maintain optimal suction.

Video: Official product demonstration of the Alloyman 20V Cordless Leaf Blower, showcasing its blowing and vacuuming capabilities.

## 7. MAINTENANCE

Regular maintenance ensures optimal performance and extends the life of your leaf blower.

- **Cleaning:** After each use, wipe down the exterior of the blower with a damp cloth. Ensure the air intake and outlet are free from debris. If using the vacuum function, regularly empty and clean the collection bag. Check the impeller for any lodged debris and carefully remove it if present.
- **Battery Care:** Store batteries in a cool, dry place away from direct sunlight. Do not store fully discharged batteries for extended periods. Charge them periodically if not in use.
- **Storage:** Store the leaf blower and its accessories in a dry, secure location, out of reach of children.

## 8. TROUBLESHOOTING

| Problem                   | Possible Cause   | Solution   |
|---------------------------|--|--|
| Blower does not start     | Battery not installed correctly<br>Battery is discharged<br>Tool malfunction | Ensure battery is fully seated<br>Charge the battery<br>Contact customer support |
| Low blowing/suction power | Battery low<br>Nozzle/tube clogged<br>Collection bag full (vacuum mode)      | Charge the battery<br>Clear any obstructions<br>Empty and clean collection bag   |
| Excessive vibration/noise | Debris in impeller<br>Loose components                                       | Disconnect battery and clear impeller<br>Check all connections and tighten       |

## 9. SPECIFICATIONS

- **Brand:** Alloyman
- **Model Number:** CYJ-XP-DC
- **Power Source:** Battery Powered
- **Voltage:** 20 Volts
- **Form Factor:** Handheld
- **Item Weight:** 4.4 Pounds
- **Product Dimensions:** 12"L x 6"W x 7"H
- **Speed:** Up to 130 Miles per Hour
- **Special Feature:** Compact Design

## 10. WARRANTY AND SUPPORT

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This Alloyman 20V Cordless Leaf Blower comes with a **12-month warranty**.

For any questions, technical assistance, or warranty claims, please contact Alloyman customer support:

- **Email:** [ceo@alloyman.us](mailto:ceo@alloyman.us)

Please have your model number (CYJ-XP-DC) and purchase information ready when contacting support.