

## WORX WG543E

# WORX 20V Max WG543E Battery Powered Blower User Manual

## 1. INTRODUCTION

Thank you for choosing the WORX 20V Max WG543E Battery Powered Blower. This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your new blower. Please read these instructions carefully before first use and retain them for future reference.

The WG543E is a lightweight and powerful cordless blower designed for clearing leaves and debris from various surfaces. It features a brushless motor for increased efficiency and runtime, two-speed control, and utilizes Sonic Turbine and Air Amplification technologies for optimal performance.

## 2. IMPORTANT SAFETY INSTRUCTIONS

**WARNING: Read all safety warnings and instructions. Failure to follow the warnings and instructions may result in electric shock, fire, and/or serious injury.**

### General Safety

- Always wear eye protection and hearing protection when operating the blower.
- Do not operate the blower in wet conditions or rain.
- Keep children, bystanders, and pets at a safe distance (at least 15 meters) from the operating area.
- Never point the blower nozzle at people or animals.
- Do not operate the blower without the nozzle securely attached.

### Battery Safety

- Use only WORX PowerShare 20V batteries and chargers specified for this tool.
- Do not charge batteries in damp or wet locations.
- Do not incinerate the battery even if it is severely damaged or completely worn out. The battery can explode in a fire.
- Store batteries away from metal objects that could short the terminals.

- If battery fluid comes into contact with skin, wash immediately with soap and water. If it gets into eyes, flush with water for at least 10 minutes and seek medical attention.

### 3. PACKAGE CONTENTS

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Carefully unpack your WORX WG543E Blower and check that all items are present and in good condition. If any items are missing or damaged, contact your retailer.

- WORX WG543E Blower Unit
- 1 x WORX 20V 4.0Ah PowerShare Battery
- 1 x WORX 2-Amp Battery Charger
- Instruction Manual

### 4. SETUP AND ASSEMBLY

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#### 4.1 Charging the Battery

Before first use, fully charge the battery. The 4.0Ah battery requires approximately 2 hours for a full charge with the included 2-Amp charger.

1. Connect the charger to a standard power outlet.
2. Slide the battery pack onto the charger until it clicks into place.
3. The charger indicator light will show the charging status (refer to charger manual for specific light patterns).
4. Once fully charged, disconnect the charger from the power outlet and remove the battery.

# POWER SHARE PRO



Figure 1: WORX PowerShare Pro Battery Technology. This image illustrates the internal structure and benefits of the PowerShare Pro battery, including enhanced power, performance, and run time, cooler operation, and 360-degree cell protection.

## 4.2 Installing the Battery

Ensure the blower is turned off before installing or removing the battery.

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



Figure 2: WORX WG543E Blower with battery installed. This image displays the compact design of the blower with the battery securely in place, ready for operation.

## 5. OPERATION

### 5.1 Starting and Stopping the Blower

1. Ensure the battery is fully charged and securely installed.
2. To start the blower, press the ON/OFF switch.
3. To stop the blower, release the ON/OFF switch.

### 5.2 Speed Control

The WG543E features a two-speed control switch, allowing you to adjust the airflow for different tasks.

- **Low Speed:** Ideal for delicate areas, light debris, or extending battery runtime.
- **High Speed:** Provides maximum power for stubborn debris, wet leaves, or larger areas.

Select the appropriate speed using the speed selector switch located on the handle.

### 5.3 Blowing Techniques

- Hold the blower firmly with one hand, ensuring a comfortable grip.
- Sweep the blower from side to side, moving debris into piles.
- For heavy or wet debris, use the high-speed setting and work in smaller sections.

- Avoid blowing debris towards people, animals, or sensitive areas like open windows or vehicles.



Figure 3: Operating the WORX WG543E Blower. This image shows a user effectively clearing leaves from a porch area, highlighting the blower's ease of use and handheld design.

## 6. MAINTENANCE

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

### 6.1 Cleaning

- Before cleaning, always remove the battery pack.
- Wipe the exterior of the blower with a clean, damp cloth. Do not use strong detergents or solvents.
- Clear any debris from the air intake vents and the blower nozzle to ensure proper airflow.
- Do not immerse the blower in water or spray it with a hose.

### 6.2 Battery Care and Storage

- Store the battery in a cool, dry place, away from direct sunlight and extreme temperatures.
- For long-term storage, charge the battery to approximately 50% capacity.
- Do not store the battery with metal objects that could cause a short circuit.

- Periodically check the battery for any signs of damage or leakage.

## 7. TROUBLESHOOTING

If you encounter issues with your WORX WG543E Blower, refer to the following table for common problems and solutions.

Problem	Possible Cause	Solution
Blower does not start	Battery not installed correctly Battery discharged ON/OFF switch faulty	Ensure battery is clicked into place Charge the battery Contact customer support
Low airflow/power	Battery low Air intake/nozzle blocked Operating in low speed	Recharge battery Clear any debris from vents/nozzle Switch to high speed setting
Battery not charging	Charger not plugged in Battery or charger faulty Temperature too extreme	Check power connection Contact customer support Charge battery in moderate temperatures

If the problem persists after attempting these solutions, please contact WORX customer support.

## 8. SPECIFICATIONS

Feature	Specification
Model Number	WG543E
Brand	WORX
Power Source	Battery Powered
Voltage	20 Volts Max
Motor Type	Brushless
Speed	Up to 130 Miles per Hour (208 km/h)
Item Weight	5.94 pounds (2.7 Kilograms)
Product Dimensions (L x W x H)	5.51" x 4.21" x 34.45"
Material	Plastic
Included Components	Blower, 4.0Ah Battery, 2-Amp Charger

## 9. WARRANTY AND SUPPORT

For detailed warranty information, please refer to the warranty card included with your product or visit the official WORX website. Keep your proof of purchase for warranty claims.

If you require technical assistance or have questions not covered in this manual, please contact WORX

customer support. You can find contact information on the WORX official website or through your retailer.

Visit the [WORX Store](#) for more products and information.