

## Toro 51820

# Toro 60-Volt Max Electric Brushless Cordless Leaf Blower (Model 51820) Instruction Manual

## 1. INTRODUCTION

This manual provides essential information for the safe and efficient operation, maintenance, and care of your Toro 60-Volt Max Electric Brushless Cordless Leaf Blower. Please read this manual thoroughly before using the product and keep it for future reference.

### Key Features:

- **Powerful Performance:** Delivers 605 CFM of air volume and 120 MPH air speed for efficient clearing.
- **Variable Speed Control:** Features a variable-speed trigger and a turbo-boost button for precise control and maximum power when needed.
- **Brushless DC Motor:** High-performance brushless motor offers more power, extended run time, and longer tool life compared to brushed motors.
- **Ergonomic Design:** Equipped with cruise control and an ergonomic handle to reduce user fatigue during extended use.
- **Flex-Force Power System:** Compatible with any 60V Max Flex-Force battery, allowing interchangeability across 75+ tools in the all-season lineup.

## 2. SAFETY INFORMATION

Always prioritize safety when operating power tools. Read and understand all safety warnings and instructions provided with the product. Failure to follow these instructions may result in electric shock, fire, and/or serious injury.

- Wear appropriate personal protective equipment (PPE), including eye protection, hearing protection, and sturdy footwear.
- Keep children, bystanders, and pets at a safe distance (at least 50 ft / 15 m) from the operating area.
- Do not operate the blower in wet conditions or in the presence of flammable liquids or gases.
- Inspect the work area for objects that could be thrown or become entangled in the blower.
- Ensure the battery is securely installed before operation and removed before performing any maintenance or storage.

**Proposition 65 Warning:** This product may contain chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

### 3. PACKAGE CONTENTS

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Verify that all items are present upon unpacking:

- Toro 60-Volt Max Electric Brushless Cordless Leaf Blower
- 2.5 Ah Lithium-Ion Battery
- Battery Charger
- Blower Tube(s) (may include different nozzle types)

### 4. SETUP AND ASSEMBLY

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The Toro 60-Volt Max Leaf Blower is designed for quick and easy assembly without the need for additional tools.

#### Attaching the Blower Tube:

1. Align the blower tube with the outlet on the main unit.
2. Push the tube firmly onto the unit until it clicks securely into place. Ensure it is fully seated and locked.



Figure 1: Toro 60-Volt Max Electric Brushless Cordless Leaf Blower with battery and charger.

#### Installing the Battery:

1. Ensure the battery is fully charged before first use.
2. Slide the battery into the battery compartment on the blower until it locks into place with a click.
3. To remove the battery, press the release button and slide the battery out.

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Video 1: Overview of the Toro 60V MAX Flex-Force Leaf Blower, demonstrating its features and ease of use.

## 5. OPERATING INSTRUCTIONS

### Starting and Stopping:

1. To start the blower, press the power button located on the handle. The indicator light will illuminate.
2. Squeeze the variable-speed trigger to begin blowing. The airflow speed will increase as you squeeze the trigger further.
3. To stop the blower, release the variable-speed trigger and then press the power button to turn off the unit.

### Variable Speed and Turbo Boost:

- The variable-speed trigger allows you to adjust the airflow for different tasks, from light debris to heavy wet leaves.
- For maximum power, press the turbo-boost button while holding the trigger. This provides a temporary surge in airflow (up to 605 CFM and 120 MPH).



**CONTROL AND COMFORT**  
Variable speed trigger and cruise control  
to set your speed; turbo boost for  
maximum performance.

Figure 2: Close-up of the blower's control panel, highlighting the variable speed trigger and turbo boost button for enhanced control.

### Using the Nozzles:

The blower may come with different nozzle attachments designed for specific applications. A wider nozzle is ideal for general clearing, while a narrower, scraper-tip nozzle can be used for dislodging stubborn or wet debris.

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Video 2: Demonstration of the Toro 60V MAX Flex-Force 120 MPH Brushless Leaf Blower in action, showcasing its power and effectiveness.

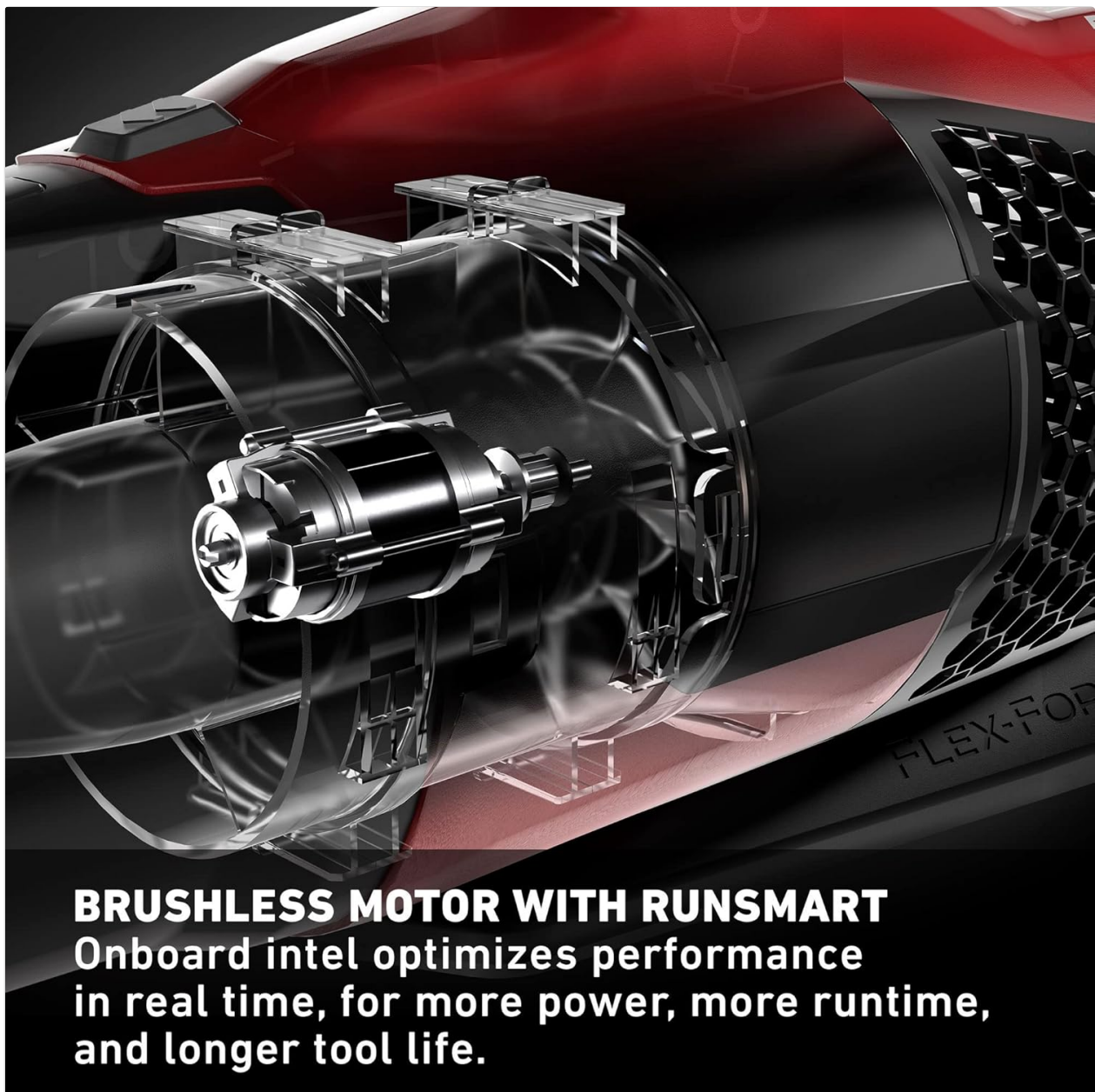
## 6. BATTERY AND CHARGING

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The Toro 60-Volt Max Leaf Blower is powered by a 2.5 Ah Lithium-Ion battery, part of the Flex-Force Power System.

### Charging the Battery:

1. Connect the charger to a standard electrical outlet.
2. Slide the battery onto the charger until it clicks into place.
3. The indicator lights on the battery and/or charger will show the charging status. Refer to the charger's specific instructions for detailed light patterns.
4. Once fully charged, remove the battery from the charger.



**BRUSHLESS MOTOR WITH RUNSMART**  
Onboard intel optimizes performance  
in real time, for more power, more runtime,  
and longer tool life.

Figure 3: The Toro Flex-Force 60V battery, featuring LED indicator lights to display the current charge level.

## 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 clean, damp cloth. Remove any debris from the air intake vents and blower tube.
- **Storage:** Store the blower and battery in a cool, dry place, away from direct sunlight and extreme temperatures. Remove the battery from the blower before storage.
- **Battery Care:** Do not store the battery in a discharged state. Charge it periodically if not in use for extended periods.

## 8. TROUBLESHOOTING

If you encounter issues with your Toro leaf blower, try these basic troubleshooting steps:

- **Blower does not start:** Ensure the battery is fully charged and properly inserted. Check that the power button is pressed and the trigger is squeezed.

- **Reduced airflow:** Check the blower tube and air intake for any obstructions and clear them. Ensure the battery is adequately charged.
- **Overheating:** If the unit feels excessively hot, stop operation, remove the battery, and allow it to cool down. Ensure air vents are clear.

For persistent issues, contact Toro customer support or visit the MyToro App for further assistance.

## 9. SPECIFICATIONS

Feature	Specification
Brand	Toro
Model Number	51820
Power Source	Battery Powered
Voltage	60 Volts
Air Speed	Up to 120 MPH
Air Volume	Up to 605 CFM
Motor Type	Brushless DC
Battery Type	Lithium-Ion
Battery Capacity	2.5 Ah
Noise Level	71 Decibels
Item Weight	12.27 pounds

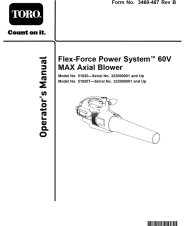
## 10. WARRANTY AND SUPPORT

Toro products are built for durability and performance. For specific warranty details, please refer to the warranty card included with your product or visit the official Toro website.


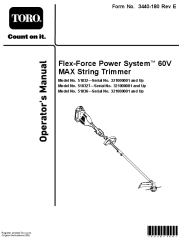
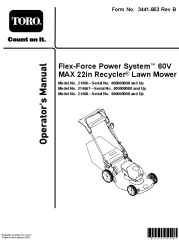
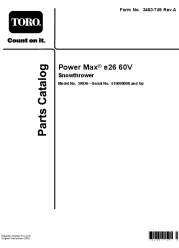
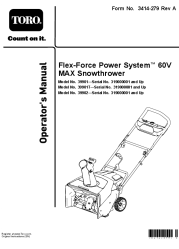
For additional resources, including manuals, how-to guides, and customer support, download the **MyToro App** from your mobile device's app store.

You can also visit the [Toro Store on Amazon](#) for more product information.

### Related Documents - 51820

	<p><a href="#">Toro Flex-Force Power System 60V MAX Axial Blower Operator's Manual</a></p> <p>Operator's manual for the Toro Flex-Force Power System 60V MAX Axial Blower (Models 51820, 51820T), covering setup, operation, maintenance, safety warnings, troubleshooting, and battery charging procedures.</p>
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	<p><a href="#">Toro Rake and Vac, Super, Ultra Blower/Vacuum Operator's Manual</a></p> <p>Operator's manual for Toro Rake and Vac, Super, and Ultra Blower/Vacuum models (51574, 51602, 51609). Provides essential safety instructions, setup, operation, maintenance, and warranty details for residential use.</p>
	<p><a href="#">Toro Flex-Force Power System 60V MAX String Trimmer Operator's Manual</a></p> <p>Comprehensive operator's manual for the Toro Flex-Force Power System 60V MAX String Trimmer (Models 51832, 51832T, 51836), covering safety instructions, operation, maintenance, troubleshooting, and specifications.</p>
	<p><a href="#">Toro Flex-Force 60V MAX Lawn Mower, Blower &amp; String Trimmer Operator's Manuals</a></p> <p>Official operator's manuals for Toro's Flex-Force Power System™ 60V MAX outdoor equipment, including the 22in Recycler Lawn Mower (Models 21466, 21466T, 21468), Axial Blower (Models 51824, 51824T), and String Trimmer (Models 51834, 51834T). Covers setup, operation, safety, and maintenance.</p>
	<p><a href="#">Toro Power Max e26 60V Snowthrower Parts Catalog</a></p> <p>Official parts catalog for the Toro Power Max e26 60V Snowthrower (Model 39926), detailing all components and assemblies with reference numbers and descriptions. Includes ordering information and attachments.</p>
	<p><a href="#">Toro Flex-Force Power System 60V MAX Snowthrower Operator's Manual</a></p> <p>Operator's manual for the Toro Flex-Force Power System 60V MAX Snowthrower (Models 39901, 39901T, 39902). Covers safety, operation, setup, maintenance, and troubleshooting for residential use.</p>