

## Total TGTLI20301

# Total TGTLI20301 20V Lithium-Ion Grass Trimmer User Manual

Model: TGTLI20301 | Brand: Total

## 1. INTRODUCTION

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The Total TGTLI20301 20V Lithium-Ion Grass Trimmer is designed for efficient and convenient lawn care. This cordless tool features a no-load speed of 8200 RPM, a 300mm cutting diameter, and a 1.6mm twisted line that extends up to 5 meters. It is powered by a 20V Lithium-Ion battery and includes a smart fast charger, suitable for 220V-240V power sources at 50/60 Hz.

### Key Features:

- Cordless design for enhanced mobility and ease of use.
- Equipped with a smart fast charger for quick battery replenishment.
- Ideal for cutting and trimming grass in your garden.

## 2. SAFETY INSTRUCTIONS

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**WARNING: 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.**

- Always wear safety glasses and gloves when using this product to protect against flying debris.
- Be aware of the rotating blade and ensure bystanders, children, and pets are kept at a safe distance (at least 15 meters / 50 feet) from the operating area.
- Do not operate the trimmer in reverse. Operating in reverse may cause the blade to rotate in the opposite direction, creating an uncontrolled cutting hazard.
- Keep the trimmer away from flammable materials, liquids, and gases.
- Never leave the trimmer unattended while it is running or connected to a power source.
- Ensure the work area is clear of obstacles, rocks, and other debris that could be thrown by the cutting line.
- Always disconnect the battery pack before cleaning, performing maintenance, or when the tool is not in use.

## 3. PACKAGE CONTENTS

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Verify that all items are present and in good condition upon unpacking:

- 1 x Total TGTLI20301 20V Lithium-Ion Grass Trimmer with 300mm Blade
- 1 x Battery Pack (20V Lithium-Ion)
- 1 x Smart Fast Charger
- User Manual

*Note: Batteries may not be included with all purchase options. Please check your specific product packaging.*

## 4. SETUP

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### 4.1 Assembly

The grass trimmer requires some assembly before first use. Follow these general steps:

1. **Attach the Guard:** Securely fasten the safety guard to the trimmer head using the provided screws. Ensure it is firmly in place to protect against debris.
2. **Install the Auxiliary Handle:** Adjust and tighten the auxiliary handle to a comfortable position for optimal balance and control during operation.
3. **Adjust Shaft Length:** If your model features an adjustable shaft, extend or retract it to a length that allows for comfortable operation without excessive bending.

### 4.2 Battery Charging and Installation

The trimmer operates on a 20V Lithium-Ion battery. Ensure the battery is fully charged before use.

1. **Charge the Battery:** Connect the smart fast charger to a 220V-240V, 50/60 Hz power outlet. Insert the battery pack into the charger. The indicator light on the charger will show the charging status. A full charge typically takes a few hours.
2. **Install the Battery:** Once charged, slide the battery pack into the battery compartment on the trimmer until it clicks securely into place. Ensure it is fully seated to prevent accidental disconnection during operation.
3. **Remove the Battery:** To remove the battery, press the release button (if present) and slide the battery pack out of the compartment.



Image: The Total TGTLI20301 20V Lithium-Ion Grass Trimmer, showcasing its compact and cordless design.

## 5. OPERATING INSTRUCTIONS

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Follow these steps for safe and effective operation of your grass trimmer:

1. **Pre-Operation Check:** Before each use, inspect the trimmer for any loose parts, damage, or wear. Ensure the safety guard is properly installed and the cutting line is in good condition.
2. **Start the Trimmer:** With the battery securely installed, press and hold the safety lock-off button (if applicable) and then squeeze the trigger switch to start the motor.

3. **Trimming Technique:** Hold the trimmer firmly with both hands. Use a sweeping motion, moving the trimmer from side to side, to cut grass. Maintain a consistent height for an even finish.
4. **Line Advancement:** The trimmer typically features an automatic line feed system. If the line becomes too short, gently tap the trimmer head on the ground while the motor is running to advance more line.
5. **Avoid Overloading:** Do not force the trimmer through thick or dense vegetation. This can strain the motor and deplete the battery quickly. Take smaller passes if necessary.
6. **Stopping the Trimmer:** Release the trigger switch to stop the motor. Always remove the battery pack when finished with operation or when leaving the trimmer unattended.

## 6. MAINTENANCE

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

- **Cleaning:** After each use, disconnect the battery and clean the trimmer. Remove grass clippings, dirt, and debris from the motor housing, air vents, and safety guard using a brush or cloth. Do not use water or solvents.
- **Line Replacement:** When the cutting line runs out, replace it with a new 1.6mm twisted line. Refer to the specific instructions for your trimmer head for proper line winding.
- **Battery Care:** Store batteries in a cool, dry place away from direct sunlight and extreme temperatures. Do not store fully discharged batteries for extended periods.
- **Storage:** Store the trimmer in a dry, secure location, out of reach of children. Ensure the battery is removed before storage.
- **Inspection:** Periodically check all screws, nuts, and bolts for tightness. Inspect the cutting line, guard, and handles for any signs of wear or damage. Replace worn or damaged parts immediately.

## 7. TROUBLESHOOTING

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If you encounter issues with your grass trimmer, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Trimmer does not start	Battery not charged or improperly installed; Safety switch not engaged; Damaged motor or switch.	Ensure battery is fully charged and correctly inserted. Engage safety lock-off button before pressing trigger. If problem persists, contact support.
Cutting line does not advance	Line tangled or jammed; Spool empty; Automatic feed mechanism faulty.	Remove battery, clear any tangles. Replace spool if empty. If automatic feed is faulty, contact support.
Reduced cutting performance	Dull or short cutting line; Battery low; Motor overloaded.	Advance or replace cutting line. Recharge battery. Avoid forcing the trimmer through thick grass.
Excessive vibration	Damaged cutting head or line; Loose components.	Inspect cutting head and line for damage. Tighten all screws and bolts. If vibration continues, discontinue use and contact support.

## 8. SPECIFICATIONS

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Specification	Detail
Brand	Total
Item Model Number	TGTLI20301
Power Source Type	Battery Powered
Voltage	20 Volts
Speed (No-load)	8200 RPM
Cutting Width	300 millimeters
Line Diameter	1.6 mm (twisted line, up to 5 meters)
Product Dimensions	10 x 20 x 37 cm
Item Weight	209 grams
Assembly Required	Yes
Batteries Required	Yes
Color	Multicolor

## 9. WARRANTY AND SUPPORT

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For warranty information, technical support, or service inquiries, please refer to the warranty card included with your product or contact Total customer service. Keep your purchase receipt as proof of purchase for any warranty claims.

**Customer Service:** Please visit the official Total website or contact your local dealer for support contact details.