

## EGO Power+ ST1510T

# EGO POWER+ ST1510T 15-Inch 56-Volt Lithium-Ion Cordless POWERLOAD String Trimmer Instruction Manual

Model: ST1510T | Brand: EGO Power+

## 1. PRODUCT OVERVIEW

The EGO POWER+ ST1510T is a 15-inch 56-Volt Lithium-Ion Cordless String Trimmer featuring patented POWERLOAD technology and an aluminum telescopic shaft. This tool is designed for efficient and comfortable lawn maintenance, offering a 15-inch cutting swath with professional-grade 0.095-inch spiral-twist trimmer line.



Figure 1: EGO POWER+ ST1510T 15-Inch 56-Volt Lithium-Ion Cordless POWERLOAD String Trimmer.

### Key Features:

- **Patented POWERLOAD Technology:** Automatically winds trimmer line by feeding the line through the head and pressing a button.
- **Telescopic Aluminum Shaft:** Allows for quick adjustment of shaft length for user comfort and ease of use.
- **High-Efficiency Brushless Motor:** Provides extended runtimes, reduced vibration, and prolonged motor life. Features IPX4-rated weather-resistant construction.
- **15-Inch Cutting Swath:** Equipped with professional-grade, dual line spiral-twist 0.095-inch trimmer line with a bump-feed line advance.
- **Battery Compatibility:** Compatible with all EGO 56V ARC Lithium™ batteries (battery and charger sold separately).

## 2. SAFETY INFORMATION

Always prioritize safety when operating power tools. Read and understand all safety warnings and instructions before use.

- Always wear eye protection and gloves when using this string trimmer.
  - Be aware of potential flying debris and keep bystanders at a safe distance.
  - Do not use the trimmer near flammable materials or in wet conditions.
  - Always unplug the trimmer (remove the battery) before performing any maintenance or repairs.
  - Ensure the safety guard is properly installed before operation.
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### **3. SETUP AND ASSEMBLY**

The EGO POWER+ ST1510T requires minimal assembly. Follow these steps to prepare your trimmer for use.

#### **3.1 Attaching the Guard**

1. Align the trimmer guard with the mounting holes on the trimmer head.
2. Secure the guard using the provided screws and the hex wrench. Ensure it is firmly attached.

Video 1: Demonstration of trimmer assembly, including attaching the guard and loading line. This video highlights the ease of use and POWERLOAD technology.

#### **3.2 Installing the Auxiliary Handle**

1. Loosen the bolts on the auxiliary handle clamp.
2. Position the handle on the shaft at a comfortable working height.
3. Tighten the bolts securely to prevent the handle from rotating during operation.

#### **3.3 Battery Installation**

1. Ensure the battery is fully charged using an EGO POWER+ charger.
2. Align the battery with the battery port on the trimmer.
3. Slide the battery into the port until it clicks securely into place.



Figure 2: The EGO POWER+ ST1510T String Trimmer with the battery installed, ready for operation.

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## 4. OPERATING INSTRUCTIONS

Familiarize yourself with the trimmer's controls and features for optimal performance.

### 4.1 Starting and Stopping the Trimmer

1. To start, press and hold the safety lock-off button, then squeeze the trigger.
2. To stop, release the trigger. The safety lock-off button will automatically reset.

### 4.2 Adjusting the Telescopic Shaft

1. Loosen the shaft locking collar.
2. Extend or retract the shaft to your desired length.
3. Tighten the shaft locking collar firmly to secure the position.

# TELESCOPIC ALUMINUM SHAFT



Figure 3: The telescopic aluminum shaft can be easily adjusted to suit user height and comfort.

## 4.3 POWERLOAD Line Loading

The patented POWERLOAD technology simplifies line replacement:

1. Ensure the trimmer is off and the battery is removed.
2. Feed the new trimmer line directly through the eyelets on the trimmer head until an equal length extends from both sides.
3. Reinstall the battery.
4. Press and hold the POWERLOAD button on the trimmer head. The trimmer line will automatically wind itself into the head.



Figure 4: Activating the POWERLOAD technology for automatic line winding.

Video 2: A demonstration of the POWERLOAD technology, showing how to feed and automatically wind the trimmer line.

#### 4.4 Cutting Techniques

- Hold the trimmer firmly with both hands.
- Maintain a comfortable distance from your body.
- Use a sweeping motion, moving from side to side, to cut grass and weeds.
- For edging, tilt the trimmer head to a vertical position and walk along the edge of your lawn or pathway.

### 5. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your EGO POWER+ ST1510T String Trimmer.

#### 5.1 Cleaning



- After each use, remove the battery.
- Clean the trimmer head, guard, and shaft with a damp cloth. Remove any grass clippings or debris.
- Do not use harsh chemicals or abrasive cleaners.

## 5.2 Trimmer Line Replacement

Refer to section 4.3 for detailed instructions on using the POWERLOAD system for line replacement. Always use 0.095-inch professional-grade trimmer line.



Figure 5: Close-up view of the trimmer head, showing the line exit points and POWERLOAD mechanism.

## 5.3 Battery Care and Storage

- Store batteries in a cool, dry place away from direct sunlight and moisture.
- Do not store batteries in a discharged state for extended periods. Charge them periodically.
- Always remove the battery from the trimmer when not in use or during storage.

Video 3: Information regarding battery life and compatibility with EGO Power+ batteries.

## 6. TROUBLESHOOTING

If you encounter issues with your trimmer, consult the following common troubleshooting tips:

### 6.1 Trimmer Not Starting

- Ensure the battery is fully charged and properly inserted.
- Verify that the safety lock-off button is pressed before squeezing the trigger.
- Check for any obstructions in the trimmer head that might prevent rotation.

### 6.2 Line Not Feeding

- Confirm that the trimmer line is correctly loaded using the POWERLOAD system (see section 4.3).
- Check for tangled or broken line inside the trimmer head.
- Ensure you are using the correct diameter (0.095-inch) trimmer line.

### 6.3 Reduced Performance

- Check the battery charge level.
- Inspect the trimmer line for wear or damage; replace if necessary.
- Clean any excessive grass or debris from the trimmer head and motor vents.

## 7. SPECIFICATIONS

| Specification         | Detail                                |
|-----------------------|---------------------------------------|
| Brand                 | EGO Power+                            |
| Model Number          | ST1510T                               |
| Power Source          | Battery Powered (56-Volt Lithium-Ion) |
| Cutting Width         | 15 Inches                             |
| Trimmer Line Diameter | 0.095 Inches (Dual Line Spiral-Twist) |
| Shaft Type            | Telescopic Aluminum                   |
| Motor Type            | High-Efficiency Brushless             |
| Item Weight           | 7.4 Pounds                            |
| Product Dimensions    | 64.9"L x 12.6"W                       |
| Assembly Required     | Yes                                   |
| UPC                   | 692042012860                          |

## 8. WARRANTY AND SUPPORT

EGO Power+ stands behind the quality of its products.



## 8.1 Warranty Information

The EGO POWER+ ST1510T String Trimmer comes with a**5-Year Tool Warranty**. Please retain your proof of purchase for warranty claims.



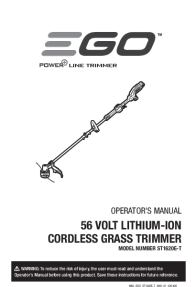


Figure 6: EGO Power+ 5-Year Tool Warranty for peace of mind.

## 8.2 Customer Support

For further assistance, technical support, or to inquire about replacement parts, please visit the official EGO Power+ website or contact their customer service department. You can also visit the [EGO Power+ Store on Amazon](#) for more product information and accessories.

### Related Documents - ST1510T

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|  | <p><a href="#">EGO Power+ 2025 Product Catalogue: Cordless Outdoor Power Equipment</a></p> <p>Explore the EGO Power+ 2025 Product Catalogue, featuring innovative 56V ARC Lithium™ battery-powered outdoor tools for superior performance, zero emissions, and enhanced user convenience. Discover mowers, chainsaws, blowers, and more.</p>   |
|  | <p><a href="#">EGO Power+ Promozioni Autunno 2025: Attrezzi da Giardino a Batteria</a></p> <p>Scopri le offerte speciali EGO Power+ per l'autunno 2025 su una vasta gamma di attrezzi da giardino a batteria, inclusi tagliasiepi, motoseghe, soffiatore, trattorini e altro ancora. Potenza e innovazione per la cura del tuo spazio verde.</p>   |
|  | <p><a href="#">EGO 56 Volt Lithium-Ion Cordless Grass Trimmer ST1620E-T Operator's Manual</a></p> <p>This operator's manual provides comprehensive instructions for the safe assembly, operation, maintenance, and troubleshooting of the EGO 56 Volt Lithium-Ion Cordless Grass Trimmer, Model ST1620E-T. It includes detailed safety warnings, usage tips, and warranty information.</p> |

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|  <p>OPERATOR'S MANUAL<br/>56-VOLT LITHIUM-ION<br/>CORDLESS<br/>15\" STRING TRIMMER</p> <p>MODEL NUMBER<br/>ST1500F, ST1500F-FC, ST1500SF, ST1500SF-FC</p> <p>WARNING: To reduce the risk of injury, the user must read and understand the Operator's Manual before using this product. Read these instructions for proper operation.</p> | <p><a href="#">EGO 56-Volt Lithium-Ion Cordless 15" String Trimmer Operator's Manual</a></p> <p>Operator's manual for the EGO 56-Volt Lithium-Ion Cordless 15" String Trimmer, covering safety instructions, specifications, operation, maintenance, and troubleshooting. Features include 56V power, cordless operation, and a 15-inch cutting width.</p>         |
|  <p>OPERATOR'S MANUAL<br/>56-VOLT LITHIUM-ION<br/>CORDLESS 15\" STRING TRIMMER</p> <p>MODEL NUMBER<br/>ST1500F, ST1500F-FC, ST1500SF, ST1500SF-FC</p> <p>WARNING: To reduce the risk of injury, the user must read and understand the Operator's Manual before using this product. Read these instructions for proper operation.</p>     | <p><a href="#">EGO 56-Volt Lithium-Ion Cordless 15" String Trimmer Operator's Manual</a></p> <p>This operator's manual provides essential safety instructions, assembly guidance, operating procedures, maintenance tips, and troubleshooting for the EGO 56-Volt Lithium-Ion Cordless 15" String Trimmer (models ST1500F, ST1500F-FC, ST1500SF, ST1500SF-FC).</p> |
|  <p>OPERATOR'S MANUAL<br/>56-VOLT LITHIUM-ION<br/>CORDLESS<br/>16\" STRING TRIMMER</p> <p>MODEL NUMBER<br/>ST1610T, ST1610T-FC</p> <p>WARNING: To reduce the risk of injury, the user must read and understand the Operator's Manual before using this product. Read these instructions for proper operation.</p>                       | <p><a href="#">EGO POWER+ 56-Volt Lithium-Ion Cordless 16" String Trimmer Operator's Manual</a></p> <p>This operator's manual provides essential safety instructions, assembly guidance, operating procedures, maintenance tips, and troubleshooting for the EGO POWER+ 56-Volt Lithium-Ion Cordless 16" String Trimmer (Model ST1610T/ST1610T-FC).</p>            |