

EGO Power+ ST1520S

EGO POWER+ ST1520S 15" POWERLOAD String Trimmer Instruction Manual

Model: ST1520S | Brand: EGO Power+

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1. INTRODUCTION

The EGO POWER+ ST1520S String Trimmer is designed for efficient trimming of weeds and grass. It features advanced POWERLOAD™ Technology for easy line replacement and a durable Carbon Fiber Split Shaft. This battery-powered tool offers cordless convenience with powerful performance.

Key Features:

- **POWERLOAD™ Technology:** Automatically winds the trimmer line by feeding the line through the head and pressing a button.
- **Carbon Fiber Shaft:** Lightweight, durable, and backed by a limited lifetime warranty.
- **High-Efficiency Brushless Motor:** Provides long runtimes, low vibration, and extended motor life. IPX4-rated for weather resistance.
- **15-Inch Cutting Swath:** Line trimmer comes 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 read and understand the entire instruction manual before operating the EGO POWER+ String Trimmer. Failure to follow all instructions may result in electric shock, fire, and/or serious personal injury.

General Safety Warnings:

- Wear eye protection, long pants, and sturdy footwear when operating the trimmer.
- Keep children, bystanders, and pets at least 50 feet (15 meters) away from the operating area.
- Inspect the area before use and remove any objects that could be thrown by the line.
- Do not operate the trimmer in wet conditions.
- Ensure the battery is removed before performing any maintenance, cleaning, or when storing the tool.
- Use only EGO-approved replacement parts and accessories.

3. SETUP

The EGO POWER+ ST1520S String Trimmer requires some assembly before first use. Follow these steps to prepare your trimmer for operation.

3.1 Unpacking and Initial Inspection

Carefully remove all components from the packaging. Inspect the trimmer for any signs of damage. If any parts are damaged or missing, do not assemble or operate the tool. Contact EGO Power+ customer service for assistance.

3.2 Handle Assembly

1. Attach the auxiliary handle to the shaft. Ensure it is positioned comfortably for your height and operating style.
2. Tighten the handle securely using the provided fasteners.



Image: The EGO POWER+ ST1520S String Trimmer, showing the main unit and handle assembly.

3.3 Attaching the Guard

Securely attach the debris guard to the trimmer head assembly. This guard protects the user from thrown debris during operation.

3.4 Battery Installation

1. Ensure the battery is fully charged before use.
2. Align the battery with the battery port on the trimmer.
3. Slide the battery into the port until it clicks securely into place.

Note: This model does not include a battery or charger. EGO 56V ARC Lithium™ batteries are required.

4. OPERATING INSTRUCTIONS

Familiarize yourself with the trimmer's controls and features before beginning any trimming tasks.

4.1 Starting and Stopping the Trimmer

1. To start: Press the safety lock-off button and then squeeze the trigger.
2. To stop: Release the trigger.



Image: Close-up of the variable speed trigger on the EGO POWER+ ST1520S String Trimmer.

4.2 Adjusting Cutting Speed

The trimmer features a variable speed trigger. Apply more pressure to the trigger for higher speed and less pressure for lower speed, allowing for precise control over various trimming conditions.

4.3 Trimming Techniques

- **Sweeping:** Move the trimmer from side to side, using the tip of the line to cut.
- **Edging:** Tilt the trimmer head to a vertical position and walk along the edge of the lawn or pathway.
- **Around Obstacles:** Use a slower speed and approach obstacles carefully to avoid damaging the line or the object.

Your browser does not support the video tag.

Video: EGO POWER+ Battery Platform overview, demonstrating battery insertion and general use of various EGO tools, including a string trimmer. This video provides context on the EGO battery system.

5. MAINTENANCE

Regular maintenance ensures optimal performance and extends the life of your EGO POWER+ String Trimmer. Always remove the battery before performing any maintenance.

5.1 Line Replacement with POWERLOAD™ Technology

The patented POWERLOAD™ Technology simplifies line replacement:

1. Ensure the battery is removed.
2. Feed the new trimmer line directly through the trimmer head until an equal length protrudes from both sides.
3. Reinsert the battery.
4. Press the POWERLOAD™ button on the trimmer head. The line will automatically wind itself into the head.



Image: Illustration of the POWERLOAD™ Technology, showing how the line is fed through the trimmer head.



Image: A hand pressing the POWERLOAD™ button to automatically wind the trimmer line.

5.2 Cleaning and Storage

- After each use, clean the trimmer head and guard of any grass clippings and debris.
- Store the trimmer in a dry, secure location out of reach of children.
- Remove the battery from the trimmer before storing for extended periods.

6. TROUBLESHOOTING

If you encounter issues with your EGO POWER+ String Trimmer, refer to the following common troubleshooting tips:

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Trimmer does not start	Battery not inserted correctly or discharged. Safety lock-off not engaged.	Ensure battery is fully charged and properly seated. Press safety lock-off button before squeezing trigger.
Line does not advance	Line is tangled or too short. Trimmer head is clogged with debris.	Replace trimmer line using POWERLOAD™ Technology. Clean trimmer head of any debris.
Reduced cutting performance	Trimmer line is worn or incorrect type. Battery charge is low.	Replace with new 0.095-inch professional-grade line. Recharge battery.

For further assistance, contact EGO Power+ customer support.

7. SPECIFICATIONS

Feature	Detail
Brand	EGO Power+
Model Number	ST1520S
Power Source	Battery Powered (56V ARC Lithium™)
Cutting Swath	15 inches
Line Diameter	0.095 inches (Dual Line Spiral-Twist)
Motor Type	High-Efficiency Brushless Motor
Speed	Up to 2500 RPM
Item Weight	7.43 Pounds
Product Dimensions	71.7"L x 12.6"W
Assembly Required	Yes
Weather Resistance	IPX4-rated

8. WARRANTY & SUPPORT

EGO Power+ stands behind the quality of its products.

- **Limited Lifetime Warranty:** The Carbon Fiber shaft is backed by a limited lifetime warranty.
- **5-Year Tool Warranty:** The EGO POWER+ ST1520S String Trimmer comes with a 5-year limited warranty.

For warranty claims, technical support, or to purchase replacement parts, please visit the official EGO Power+ website or contact their customer service department. Keep your proof of purchase for warranty validation.