

CAT DG610

CAT DG610 60V 15-inch Brushless String Trimmer User Manual

Model: DG610

Brand: CAT

1. SAFETY INFORMATION

Always prioritize safety when operating the CAT DG610 String Trimmer. Failure to follow safety guidelines can result in serious injury.

- Always wear appropriate safety gear, including eye protection (safety glasses or goggles) and ear protection, when operating the string trimmer.
- Be aware of potential flying debris and ensure bystanders, children, and pets are kept at a safe distance (at least 50 feet/15 meters) from the operating area.
- Inspect the work area for objects that could be thrown or entangled in the cutting line. Remove any rocks, broken glass, wire, or other debris.
- When using ECO mode around delicate areas like flowerbeds or gardens, exercise extra caution to avoid accidental damage to plants.
- Ensure the battery is fully charged before use and properly secured in the tool.
- Never operate the trimmer in wet conditions or rain.
- Keep hands and feet away from the cutting line at all times, especially when the trimmer is running.

2. PRODUCT OVERVIEW

The CAT DG610 60V 15-inch Brushless String Trimmer is designed for efficient trimming and edging tasks. It features a high-efficiency brushless 2.0 motor for enhanced power and extended runtime.



Image: The CAT DG610 60V 15-inch Brushless String Trimmer, highlighting its 60V MAX power, 2.5Ah Li-ion battery, ECO mode, 15-inch cut path, and brushless motor.

Key Features:

- **Brushless Motor 2.0:** Provides 40% more power and 10% longer runtime compared to standard brushless motors, and significantly more power and life than brushed motors.
- **Cordless Operation:** Eliminates the need for fuel mixing, starter cords, chokes, and engine maintenance.
- **15-inch Cutting Path:** Offers a wide cutting swath for efficient coverage while remaining maneuverable in restricted areas.
- **Dual Line Bump Feed Head:** Accepts .095 inch line and allows for quick line advancement by tapping the head on the ground.
- **Quick Line Load:** Simplifies line replacement, making it faster and easier than conventional manual loading.
- **ECO Mode:** Extends battery life for lighter trimming and edging tasks.
- **Balanced Design:** Weighing 9.9 lbs with the battery, the trimmer is designed for reduced fatigue during extended use.
- **60V Battery Platform:** The included battery and charger are compatible with all CAT 60V Outdoor Power Equipment (OPE) products.

60V MAX

ADVANCED BATTERY TECHNOLOGY

**CELL PROTECT: INCREASED
PROTECTION FROM IMPACTS,
DROPS, AND VIBRATION.**

**HDPE THERMOPLASTIC MATERIAL
IS ENGINEERED TO PROVIDE HIGH
POWER AND KEEP CELLS COOL
FOR LONGER RUN TIME.**

**INTELLIGENCE BUILT IN:
COMMUNICATION WITH TOOL
PROVIDES PEAK BATTERY
PERFORMANCE AND WITH
CHARGER FOR FASTER CHARGING.**

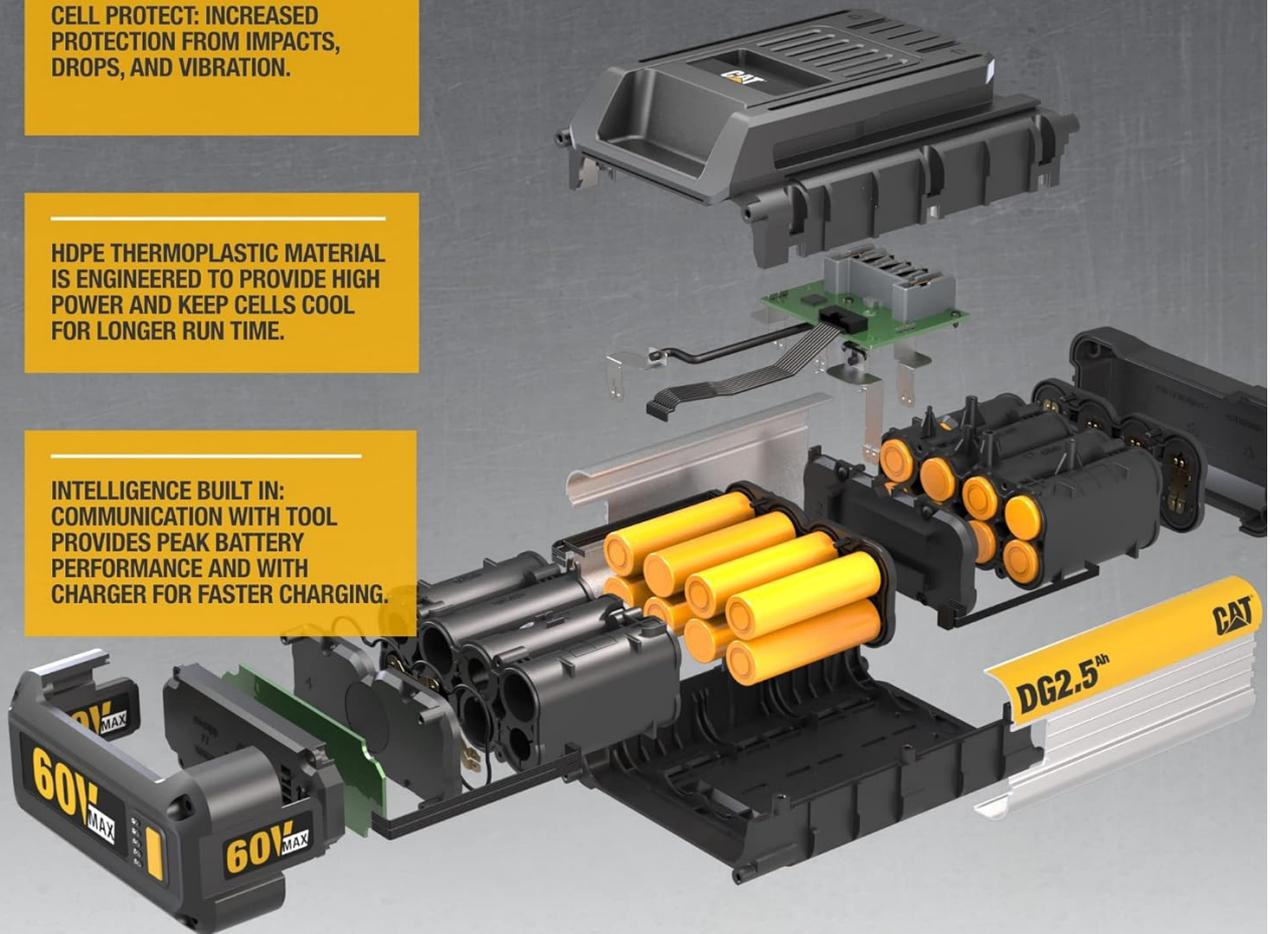


Image: Detailed diagram illustrating the advanced battery technology of the CAT 60V MAX battery, showing internal components designed for protection, cooling, and communication with the tool for optimized performance.

3. WHAT'S INCLUDED

Your CAT DG610 60V 15-inch Brushless String Trimmer package includes the following components:

- 60V 15-inch Cordless String Trimmer
- (1) Quick Load Head
- (1) Debris Shield
- (1) 60V 2.5Ah Battery
- (1) 3A Charger

WHAT'S INCLUDED



60V LINE TRIMMER



CHARGER



2.5AH BATTERY

Image: A visual representation of the included items: the 60V Line Trimmer, a charger, and a 2.5Ah battery.

4. SETUP

4.1. Assembly

The CAT DG610 String Trimmer requires minimal assembly. Ensure all components are securely fastened before operation.

4.2. Battery Installation and Charging

The 60V 2.5Ah Lithium-Ion battery powers the trimmer. Always ensure the battery is fully charged before first use and subsequent operations.

1. To install the battery, align the battery pack with the port on the trimmer and slide it in until it clicks securely into place.
2. To remove the battery, press the release button on the battery pack and slide it out.
3. To charge the battery, connect the 3A charger to a power outlet. Insert the battery pack into the charger until it is fully seated. The charger's indicator lights will show the charging status.

4.3. Adjusting the D-Handle

The D-handle can be adjusted for optimal comfort and control during operation.



Image: A close-up view of the adjustable D-handle, designed for multiple hand positioning to enhance user comfort and control.

- Loosen the knob or lever securing the D-handle.
- Slide the handle along the shaft to your desired position for balance and comfort.
- Tighten the knob or lever firmly to secure the handle in place.

5. OPERATING INSTRUCTIONS

5.1. Starting and Stopping the Trimmer

1. Ensure the battery is securely installed.
2. Press the safety lock-off button (usually red) with your thumb.
3. Squeeze the trigger to start the trimmer.
4. To stop the trimmer, release the trigger.

5.2. Using ECO Mode

ECO Mode is designed to extend battery life during lighter trimming and edging tasks.

1. With the trimmer running, press the 'ECO' button on the handle to activate ECO Mode. The indicator light will illuminate.

2. The trimmer will operate at a reduced speed, conserving battery power.
3. To return to full power, press the 'ECO' button again.

Your browser does not support the video tag.

Video: Official product video demonstrating the CAT 60V 15-inch Brushless Line Trimmer with Dual Bump Feed Head in action, showcasing its features and performance.

5.3. Line Advancement (Dual Line Bump Feed Head)

To advance the cutting line, gently tap the trimmer head on the ground while the trimmer is running.



Image: A person operating the CAT DG610 String Trimmer to cut grass along a paved edge, demonstrating its use in a typical lawn care scenario.

5.4. Trimming and Edging

Hold the trimmer firmly with both hands. Use a sweeping motion to cut grass. For edging, tilt the trimmer head to a vertical position and guide it along the edge of sidewalks or driveways.



Image: A close-up view of the CAT DG610 String Trimmer's head precisely edging along a paved surface, highlighting its capability for clean and accurate cuts.

6. MAINTENANCE

6.1. Quick Line Load System

The Quick Line Load system allows for easy and fast line replacement.



Image: A visual guide demonstrating the Quick Line Load Head, showing how to feed the trimmer line through the eyelets and wind it by turning the spool cap.

1. Ensure the trimmer is off and the battery is removed.
2. Align the eyelets on the trimmer head.
3. Direct new .095 inch trimmer line through one eyelet and out the other, ensuring equal lengths on both sides.
4. Turn the spool cap to wind the line into the head until the desired length is achieved.

6.2. General Care and Cleaning

- After each use, remove the battery and clean the trimmer head and debris shield of any grass clippings or debris.
- Use a damp cloth to wipe down the exterior of the tool. Do not use harsh chemicals or abrasive cleaners.
- Store the trimmer in a dry, secure location away from direct sunlight and extreme temperatures.

7. TROUBLESHOOTING

7.1. Line Feed Issues

If the trimmer line is not advancing correctly or only one side is feeding:

- Ensure the trimmer is off and the battery is removed.
- Inspect the trimmer head for any tangled or broken line.
- Remove the spool by pressing the yellow clips on the side of the head.
- Carefully unwind and rewind the line, ensuring it is evenly spooled and not crossed.
- Reinsert the spool and ensure the line exits cleanly from both eyelets.

8. SPECIFICATIONS

Feature	Specification
Brand	CAT
Model Number	DG610
Power Source	Battery Powered (60V)
Cutting Path	15 inches
Line Diameter	.095 inches (also accepts .080 inches)
Motor Type	Brushless
Item Weight (with battery)	9.9 pounds
Product Dimensions	37.2"L x 9.4"W
Battery Type	Lithium Ion (1 required, included)
UPC	845534028683

9. WARRANTY & SUPPORT

9.1. Warranty Information

The CAT DG610 String Trimmer comes with the following limited warranties:

- **Tool:** 3-Year Limited Warranty
- **Battery:** 5-Year Limited Warranty

WHAT'S INCLUDED



60V LINE TRIMMER



CHARGER



2.5AH BATTERY

Image: Warranty details for CAT tools, indicating a 3-year warranty for the tool and a 5-year warranty for the battery.

9.2. Customer Support

For technical assistance, warranty claims, or general inquiries, please contact CAT customer support:

- **Helpline:** 1-800-366-3011 (Monday - Friday, 9 a.m. - 6 p.m. EST)
- **Email:** support.NA@catpowertools.com