

KOMASTY TT-BBC2012BM-1Z

KOMASTY 20V Cordless Electric String Trimmer and Edger User Manual

Model: TT-BBC2012BM-1Z

1. SAFETY INFORMATION

Read and understand all safety warnings and instructions before operating this tool. Failure to follow the warnings and instructions may result in electric shock, fire, and/or serious injury.

- Always wear appropriate personal protective equipment, including eye protection, long pants, and sturdy footwear, when operating the string trimmer.
- Keep bystanders, children, and pets 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 become entangled in the cutting line. Remove any debris.
- Do not operate the tool in wet conditions or rain.
- Ensure the battery is fully charged before use and allowed to cool down for a few minutes post-use before recharging to extend battery lifespan.
- Always cool down the battery before charging.
- If the trimmer line fails to auto feed, check the line and ensure it is not tangled.
- Always use safety gear when operating the trimmer to protect against flying debris and cut hazards.

2. PRODUCT COMPONENTS

Familiarize yourself with the parts of your KOMASTY 20V Cordless Electric String Trimmer and Edger.

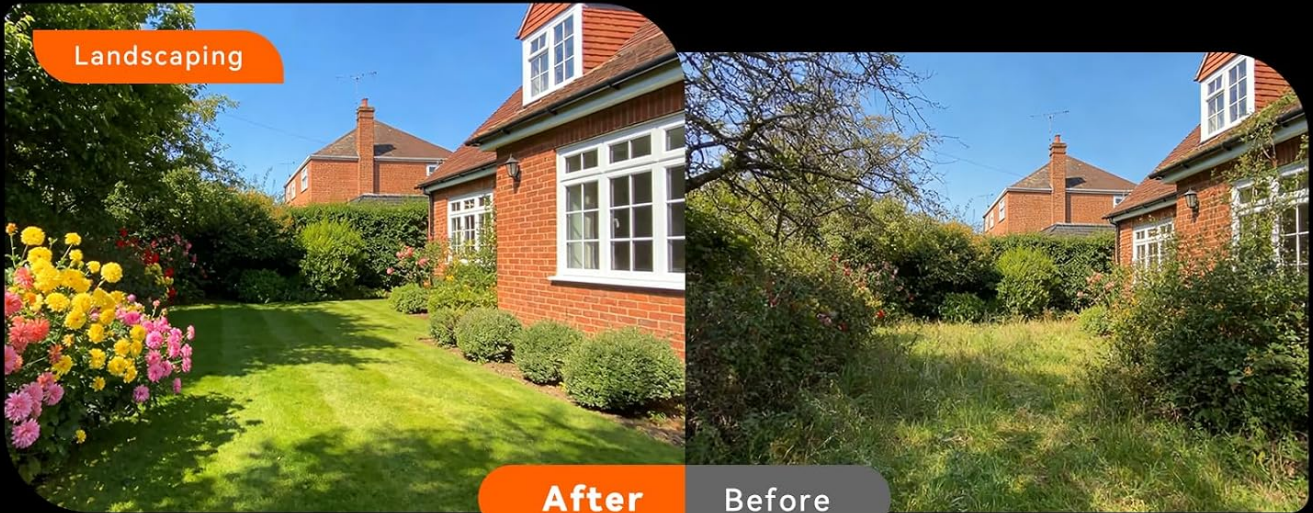
- **Main Unit:** Motor housing, handle, shaft.
- **Cutting Head:** Houses the string line and cutting mechanism.
- **Guard:** Protects against debris.
- **Auxiliary Handle:** For improved control and comfort.
- **Battery Pack:** 20V 2.0Ah Lithium-Ion battery.
- **Charger:** For recharging the battery pack.
- **Safety Lock Button:** Prevents accidental starting.

- **Start Switch:** Activates the motor.

Multiple Purposes

All Outdoor Yard Tasks Effortlessly Handled

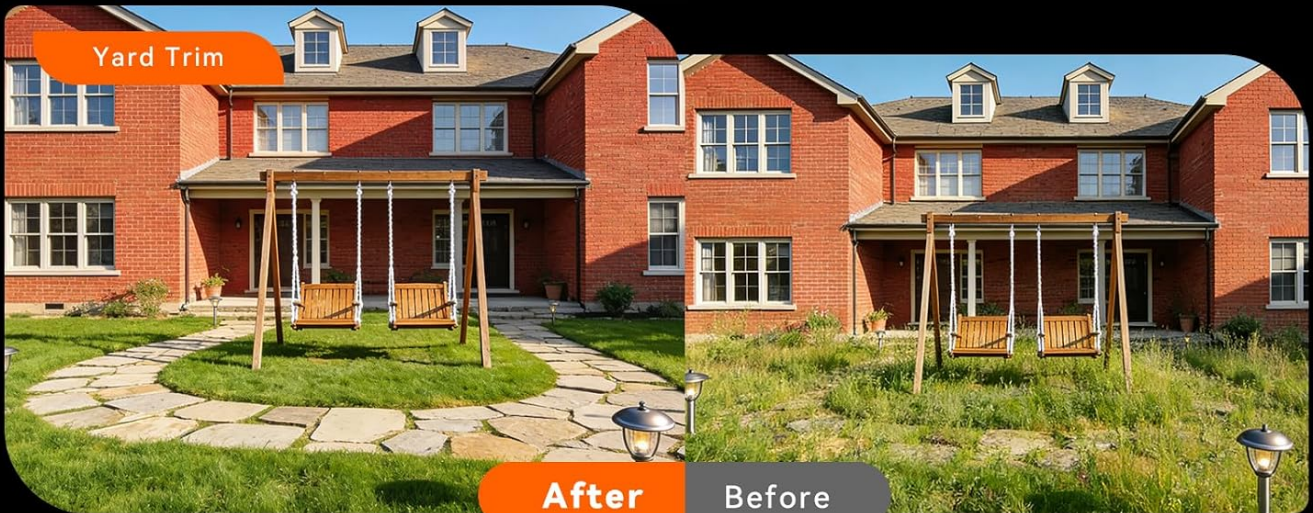
Landscaping



After

Before

Yard Trim



After

Before

Image: Overview of the KOMASTY 20V Cordless Electric String Trimmer, showing its main components.

3. SETUP AND ASSEMBLY

Follow these steps to assemble your string trimmer before first use.

1. **Attach the Guard:** Secure the cutting guard to the trimmer head using the provided screws. Ensure it is firmly in place to prevent debris from being thrown towards the operator.
2. **Install Auxiliary Handle:** Slide the auxiliary handle onto the shaft and adjust its position for comfortable operation. Tighten the locking mechanism.
3. **Connect Shaft Sections:** The innovative shaft folds 180° in three ways for compact storage. For operation, ensure the shaft sections are securely connected and locked into place.
4. **Insert Battery:** Ensure the battery is charged. Slide the battery pack into the battery slot on the tool until it clicks into place.

Image: Illustration of the ergonomic design and adjustable features of the string trimmer, including the adjustable handle and cutting head.

4. OPERATING INSTRUCTIONS

This 2-in-1 tool functions as both a string trimmer and an edger.

Starting the Tool:

- To start the trimmer, press and hold the safety lock button, then simultaneously press the start switch.
- The tool features a "Double Start Double Safety" mechanism, requiring both controls to be engaged for operation.



Image: Close-up of the handle showing the safety button and start switch, highlighting the double safety feature.

Trimming Function:

- Hold the trimmer with both hands, maintaining a firm grip.
- Keep the cutting head parallel to the ground.
- Move the trimmer in a sweeping motion, cutting grass and weeds.
- The 12-inch cutting swath allows for efficient clearing of large areas.
- Avoid cutting excessively thick or dense grass to prevent line breakage.

Edging Function:

- Adjust the pivoting head to switch from trimming to edging mode. This is typically done by pressing a button and rotating the head 90 degrees.
- Position the trimmer so the cutting line is vertical, aligning it with the edge of your lawn or pathway.
- Guide the tool along the edge to create a clean, crisp line.

2-in-1 Multi-function



Image: Demonstrates the 2-in-1 functionality, showing the tool being used for both trimming and edging tasks.

Automatic Line Feed:

- The intelligent auto-feed system automatically dispenses cutting line as needed.
- If the cord breaks, release the trigger, then press and hold the safety lock and switch simultaneously to reactivate the auto-feed.
- Keep the cutting head parallel to the ground to avoid hitting hard objects and line breaking.

5. MAINTENANCE

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

- **Battery Care:** Always allow batteries to cool down for a few minutes after use before recharging. This extends the overall battery lifespan. Store batteries in a cool, dry place.
- **Cleaning:** After each use, clean the trimmer head and guard of any grass clippings or debris. Use a damp cloth; do not use harsh chemicals.
- **Line Replacement:** When the cutting line runs out, replace the spool with a new one. Refer to the product packaging for recommended line specifications.
- **Storage:** The shaft folds 180° in three ways for vertical storage. Store the tool in a dry, secure location, out of reach of children.

6. TROUBLESHOOTING

Address common issues with your string trimmer.

Problem	Possible Cause	Solution
Trimmer does not start	Battery not charged or improperly inserted; Safety lock not engaged with start switch.	Ensure battery is fully charged and correctly inserted. Press safety lock button and start switch simultaneously.
Trimmer line not feeding automatically	Line tangled or depleted; Debris in the feed mechanism.	Release trigger, then press and hold safety lock and switch to reactivate. Check for tangles or debris and clear if necessary. Replace spool if line is depleted.

Problem	Possible Cause	Solution
Reduced cutting performance	Worn or short cutting line; Cutting excessively thick material.	Ensure line is feeding correctly. Avoid cutting overly thick or dense grass.
Battery life is short	Battery not fully charged; Battery not allowed to cool before recharging.	Ensure battery is fully charged. Allow battery to cool for a few minutes after use before recharging.

7. SPECIFICATIONS

Key technical details for your KOMASTY 20V Cordless Electric String Trimmer and Edger.

- **Brand:** KOMASTY
- **Model Number:** TT-BBC2012BM-1Z
- **Power Source:** Battery Powered
- **Battery Type:** 2 x 2.0Ah Lithium Ion (included)
- **Voltage:** 20V
- **Cutting Width:** 12 inches
- **Speed:** 9500 RPM
- **Average Battery Life:** Up to 30 minutes (total with two batteries)
- **Product Dimensions:** 40"L x 8"W
- **Style Name:** Foldable
- **Recommended Uses:** Edging, Trimming



Image: Illustrates the advanced motor with 9500 RPM and the two 2.0Ah batteries, highlighting power and runtime.

8. WARRANTY AND SUPPORT

Your KOMASTY 20V Cordless Electric String Trimmer and Edger comes with a manufacturer's warranty.

- **Warranty:** This product is covered by a one-year manufacturer's warranty. Please retain your proof of purchase for warranty claims.
- **Customer Support:** For technical assistance, parts, or warranty inquiries, please contact KOMASTY customer

service. Refer to the product packaging or the official KOMASTY website for contact details.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

Answered questions about this manual

I bought a KOMASTY 20V Cordless Electric String Trimmer and Edger through Amazon on August 7, 2026. I have used it several times. It will not start. The batteries are fully charged, and there is nothing I can see disconnected. What can I do? Is this covered under manufacturer warranty?

Based on the KOMASTY 20V Cordless Electric String Trimmer and Edger user manual (Model TT-BBC2012BM-1Z), here's what you can do if your trimmer will not start: Check Safety Lock and Start Switch: The trimmer features...

[Read full answer](#)