

BLACK+DECKER BCED400C1

BLACK+DECKER 20V MAX Cordless Edger Lawn Kit (BCED400C1) Instruction Manual

Model: BCED400C1 | Brand: BLACK+DECKER

1. SAFETY INFORMATION

For your safety and to prevent injury, please read and understand all instructions before operating the BLACK+DECKER 20V MAX Cordless Edger. Keep this manual for future reference.

- Wear eye protection and gloves to protect against flying debris and cut hazards.
- Always keep the blade guard in place during operation.
- Do not operate the edger in wet or icy conditions.
- Keep hands, face, and feet clear of the blade area.
- Ensure the battery is fully charged before use.
- Store the edger and battery in a dry, secure location away from children.

2. PRODUCT OVERVIEW

The BLACK+DECKER 20V MAX Cordless Edger (BCED400C1) is designed for trimming flower beds and shaping yard borders. Its versatile design allows for various applications with adjustable depth and a lightweight build for reduced fatigue.

Key Features:

- **Cordless Operation:** Powered by a 20V MAX* 1.5 Ah Lithium-Ion battery for freedom of movement.
- **Extended Runtime:** Capable of edging up to 815 ft. per charge.
- **Adjustable Depth Settings:** Allows for precise control over cutting depth for various tasks.
- **Lightweight Design:** Approximately 33% lighter than previous models, minimizing user fatigue.

- **Integrated Edge Guide:** Provides assistance for precision cutting and confident operation.



Figure 2.1: Full view of the BLACK+DECKER 20V MAX Cordless Edger.

3. SETUP AND ASSEMBLY

The BLACK+DECKER BCED400C1 edger requires minimal assembly. Ensure all components are present before beginning.

3.1 Unpacking and Component Check:

Carefully remove all items from the packaging. The kit typically includes:

- Edger Unit
- 20V MAX* 1.5 Ah Battery
- Battery Charger
- 1 Blade (pre-installed or separate)

Includes:



Figure 3.1: Included components: Edger, 20V MAX* Battery, Charger, and Blade.

3.2 Handle Assembly:

Follow the instructions provided in the product manual for attaching the auxiliary handle to the main shaft. Ensure it is securely fastened for safe operation.

3.3 Battery Installation:

Align the battery with the battery port on the edger handle. Slide the battery into place until it clicks securely. To remove, press the release button and slide the battery out.

4. OPERATING INSTRUCTIONS

Proper operation ensures efficient edging and prolongs the life of your tool.

4.1 Charging the Battery:

Before first use, fully charge the battery. Connect the charger to a standard electrical outlet and insert the battery. The indicator light on the charger will show charging status. A full charge typically takes a few hours.

4.2 Adjusting Cutting Depth:

The edger features adjustable depth settings to suit different edging needs. Locate the depth adjustment

lever or knob near the blade guard. Adjust to the desired depth, ensuring it is locked into position before use. Start with a shallower depth for initial passes, especially on overgrown areas.



Figure 4.1: Adjustable depth mechanism for varied applications.

4.3 Using the Edge Guide:

The integrated edge guide helps maintain a straight and consistent cut. Position the guide along the edge of your sidewalk, driveway, or flower bed. This ensures precision and prevents accidental cutting into desired areas.



Edge guide for cutting confidence

Figure 4.2: Close-up of the edge guide for confident cutting.

4.4 Starting and Stopping:

To start the edger, ensure the battery is installed and firmly press the safety lock-off button, then squeeze the trigger switch. To stop, release the trigger switch. Always release the trigger and allow the blade to stop completely before setting the tool down or making adjustments.

4.5 Edging Technique:

Hold the edger firmly with both hands. Walk slowly and steadily, guiding the blade along the desired edge. Avoid forcing the tool, especially through thick growth. Allow the blade to do the work. For trenching, adjust the depth as needed and make multiple passes if the material is dense.



Figure 4.3: Proper technique for edging along a lawn border.

5. MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your edger.

5.1 Cleaning:

After each use, disconnect the battery and clean the edger. Remove any grass clippings, dirt, or debris from the blade, guard, and motor housing. Use a dry cloth or soft brush. Do not use water or harsh chemicals.

5.2 Blade Inspection and Replacement:

Regularly inspect the blade for wear, damage, or dullness. A dull or damaged blade can reduce cutting efficiency and increase strain on the motor. Refer to the detailed instructions in your product manual for safe blade replacement. Always use genuine BLACK+DECKER replacement blades.

5.3 Battery Care:

Store batteries in a cool, dry place. Do not store batteries in direct sunlight or where temperatures can exceed 104°F (40°C). For long-term storage, charge the battery to approximately 50% capacity.

6. TROUBLESHOOTING

If you encounter issues with your edger, refer to the following common solutions:

- **Edger does not start:** Ensure the battery is fully charged and properly inserted. Check that the safety lock-off button is pressed before squeezing the trigger.
- **Poor cutting performance:** The blade may be dull or damaged and requires replacement. Ensure the cutting depth is appropriate for the task. Avoid forcing the tool through dense material.
- **Battery drains quickly:** Ensure the battery is fully charged before use. Operating the edger through very thick or wet grass can consume more power. Consider using a higher capacity battery if available for larger tasks.
- **Motor overheats:** Stop operation immediately and allow the tool to cool down. Avoid continuous heavy-duty use without breaks. Ensure proper ventilation around the motor.

If problems persist, contact BLACK+DECKER customer support.

7. SPECIFICATIONS

Attribute	Value
Brand	BLACK+DECKER
Model Number	BCED400C1
Power Source	Battery Powered
Battery Type	20V MAX* Lithium Ion (1.5 Ah included)
Item Weight	11.1 Pounds
Product Dimensions	15.6"L x 7.5"W
Assembly Required	No
UPC	885911821698

8. WARRANTY AND SUPPORT

For warranty information, service, or technical support, please refer to the warranty card included with your product or visit the official BLACK+DECKER website. You may also contact Stanley Black and Decker customer service for assistance.

Keep your purchase receipt as proof of purchase for any warranty claims.