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› [Yard Force](#) /

› [Yard Force 20V 2.0 Ah Battery Instruction Manual](#)

Yard Force AL C20B-EU

Yard Force 20V 2.0 Ah Battery Instruction Manual

Model: AL C20B-EU

1. INTRODUCTION

This manual provides essential information for the safe and effective use of your Yard Force 20V 2.0 Ah Lithium-ion battery (Model: AL C20B-EU). This powerful and efficient battery is designed to be compatible with various Yard Force 20V tools, including the LH C41A Cordless Hedge Trimmer and the LW CO2 Aqua Jet High-Pressure Cleaner.

Please read this manual thoroughly before first use and keep it for future reference. Proper understanding of the battery's features and safety guidelines will ensure optimal performance and longevity.



Figure 1.1: Yard Force 20V 2.0 Ah Lithium-ion Battery. This image shows the compact black battery pack with the Yard Force logo and connection terminals.

2. SAFETY INFORMATION

Always observe the following safety precautions when handling, charging, or storing your battery:

- **Charging:** Only use the specified Yard Force charger for this battery. Using an incompatible charger may cause fire, explosion, or injury.

- **Temperature:** Do not charge or store the battery in extreme temperatures (below 0°C or above 45°C). Optimal charging temperature is between 10°C and 40°C.
- **Damage:** Do not use a damaged or modified battery. Damaged batteries may exhibit unpredictable behavior resulting in fire, explosion, or risk of injury.
- **Short Circuit:** Do not short-circuit the battery terminals. Keep the battery away from metal objects like keys, coins, paper clips, and other small metal objects that can make a connection from one terminal to another.
- **Water Exposure:** Do not expose the battery to water or rain. If the battery gets wet, do not use it.
- **Disposal:** Dispose of batteries responsibly according to local regulations. Do not dispose of batteries in household waste or by incineration.
- **Children:** Keep the battery out of reach of children.

3. SETUP

Before first use, it is recommended to fully charge the battery.

3.1 Initial Charging

1. Connect the Yard Force battery charger to a suitable power outlet.
2. Slide the 20V 2.0 Ah battery into the charger until it clicks into place.
3. Allow the battery to charge until the indicator light on the charger signals a full charge (refer to your charger's manual for specific light indications).
4. Once fully charged, remove the battery from the charger.

3.2 Inserting and Removing the Battery

To insert the battery into a compatible Yard Force tool:

1. Align the battery with the battery compartment of the tool.
2. Slide the battery firmly into the compartment until you hear a click, indicating it is securely locked in place.

To remove the battery from a compatible Yard Force tool:

1. Locate the battery release button (usually on the tool or battery itself).
2. Press and hold the release button.
3. Slide the battery out of the compartment.

4. OPERATING

The Yard Force 20V 2.0 Ah battery provides reliable power for your cordless garden tools. Once inserted into a compatible tool, the tool is ready for operation according to its specific instruction manual.



Figure 4.1: A man operating a Yard Force lawnmower, demonstrating the use of a battery-powered garden tool.

4.1 Compatible Tools

This 20V 2.0 Ah battery is part of the Yard Force 20V system, meaning it can power a wide range of tools within this series. Known compatible tools include:

- Yard Force LH C41A Cordless Hedge Trimmer
- Yard Force LW CO2 Aqua Jet High-Pressure Cleaner
- Other Yard Force 20V series garden tools (e.g., lawnmowers, leaf blowers, string trimmers, chainsaws, pole saws, cultivators, and more).



Figure 4.2: Diagram illustrating the 'One Battery For All' concept, showing the 20V battery's compatibility with various Yard Force tools.



Figure 4.3: A man using a Yard Force hedge trimmer, another example of a tool powered by this battery.

5. MAINTENANCE

Proper maintenance ensures the longevity and performance of your battery.

5.1 Charging Guidelines

- Always charge the battery in a well-ventilated area.
- Do not charge the battery immediately after heavy use; allow it to cool down first.
- Avoid overcharging. Once fully charged, remove the battery from the charger.

5.2 Cleaning

- Wipe the battery exterior with a clean, dry cloth.
- Keep the battery terminals clean and free of debris to ensure good electrical contact.
- Do not use harsh chemicals or abrasive cleaners.

5.3 Storage

- Store the battery in a cool, dry place, away from direct sunlight and moisture.
- For long-term storage, charge the battery to approximately 50-60% capacity. Fully discharged batteries can be damaged if stored for extended periods.
- Avoid storing the battery in temperatures below 0°C or above 45°C.

6. TROUBLESHOOTING

If you encounter issues with your battery, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Battery not charging	Charger not plugged in; faulty charger; battery too hot/cold; damaged battery.	Check charger connection; try another outlet; allow battery to reach room temperature; inspect battery for damage.
Tool not powering on with battery	Battery not fully charged; battery not properly inserted; faulty tool.	Charge battery fully; re-insert battery securely; test with another battery if available; consult tool manual.
Reduced run time	Battery not fully charged; battery nearing end of life; extreme operating conditions.	Ensure full charge; consider battery replacement if old; operate within recommended temperature ranges.

If problems persist after attempting these solutions, please contact Yard Force customer support.

7. SPECIFICATIONS

Key technical specifications for the Yard Force 20V 2.0 Ah Battery (Model: AL C20B-EU):

- **Brand:** Yard Force
- **Model Number:** AL C20B-EU
- **Battery Composition:** Lithium-ion
- **Voltage:** 20 Volts
- **Capacity:** 2.0 Ah (Ampere-hour)
- **Reusability:** Rechargeable
- **Color:** Black
- **Dimensions (L x W x H):** Approximately 13 x 8 x 5 centimeters
- **Manufacturer:** Sumec
- **Country of Origin:** China

8. WARRANTY AND SUPPORT

For information regarding the warranty period and terms for your Yard Force 20V 2.0 Ah battery, please refer to the warranty card included with your purchase or visit the official Yard Force website. Warranty details may vary by region and retailer.

If you require technical assistance, have questions about product compatibility, or need to report an issue, please contact Yard Force customer support through their official channels. Contact information can typically be found on the product packaging or the brand's website.

 <p>Yard Force Hedge Trimmer Troubleshooting: Blade and Cutting Capacity Issues</p> <p>Troubleshoot common problems with your Yard Force hedge trimmer, focusing on cutting capacity limits and inspecting blades for debris or damage. Includes guidance on lubrication and potential gearing issues.</p>	
 <p>Yard Force 60V Lithium-Ion Battery Pack Operator's Manual</p> <p>Operator's manual for Yard Force 60V Lithium-Ion Battery Packs (YF60VRX2.5-BAT, YF60VRX4.0-BAT) covering product features, technical data, intended use, safety notes, operation, maintenance, disposal, and warranty information.</p>	
 <p>Yard Force 60V Lithium-Ion Battery Charger Operator's Manual</p> <p>Operator's manual for the Yard Force 60V Lithium-Ion Battery Charger (Models YF60VRX4A-CHG, YF60VRX2A-CHG). Includes safety instructions, operating procedures, maintenance, troubleshooting, and warranty information.</p>	
 <p>Yard Force YOLMX22S300 22" Cordless Lawn Mower Operator's Manual</p> <p>Comprehensive operator's manual for the Yard Force YOLMX22S300 22-inch cordless self-propelled lawn mower, covering safety, assembly, operation, maintenance, troubleshooting, and warranty.</p>	
 <p>Yard Force AL G03C 40V Battery Charger User Manual</p> <p>Official user manual for the Yard Force AL G03C 40V battery charger. Includes safety instructions, technical specifications, operation guide, and maintenance tips.</p>	
 <p>Yard Force YOLMX22S300 22" Cordless Self-Propelled Lawn Mower Operator's Manual</p> <p>Comprehensive operator's manual for the Yard Force YOLMX22S300 22-inch cordless self-propelled lawn mower. Includes safety instructions, assembly, operation, maintenance, troubleshooting, and warranty information.</p>	