

PERUN AL C20BN

PERUN Power G 2.0 Ah 20V Battery Instruction Manual

Model: AL C20BN

1. INTRODUCTION

This manual provides essential information for the safe and effective use of your PERUN Power G 2.0 Ah 20V Lithium-ion battery. This battery is designed for use with compatible YARD Force and PowerG 20V power tools. Please read these instructions carefully before first use and retain them for future reference.



Figure 1: An overhead view of the PERUN Power G 20V 2.0 Ah Lithium-ion battery and its compatible charging unit, both in black.

2. SAFETY INFORMATION

Always observe the following safety precautions to prevent injury or damage to the battery and tools.

- **Charging:** Use only the specified PERUN charger for this battery. Charging with an incompatible charger may cause fire, injury, or damage.
- **Storage:** Store the battery in a cool, dry place, away from direct sunlight, heat sources, and moisture. Do not store in temperatures exceeding 40°C (104°F) or below -10°C (14°F).
- **Handling:** Do not short-circuit the battery terminals. Avoid dropping or subjecting the battery to strong impacts. Do not open, disassemble, or modify the battery.
- **Disposal:** Dispose of batteries responsibly according to local regulations. Do not dispose of batteries in household waste or fire.
- **Overload Protection:** The battery features integrated protection against overcurrent, overcharge, and deep discharge to enhance safety and prolong battery life.

3. PRODUCT OVERVIEW

The PERUN Power G 2.0 Ah 20V battery is a robust power source for your cordless tools. It features a compact design and an intuitive LED charge indicator.

3.1. Battery Components

- **Battery Pack:** The main power unit.
- **LED Charge Indicator:** Three LED lights to display the current charge level.
- **Charge Indicator Button:** Activates the LED charge indicator.
- **Connection Terminals:** For connecting to tools and the charger.



Figure 2: A close-up view of the PERUN Power G 20V 2.0 Ah battery, highlighting its three-level LED charge indicator and power button.

4. SETUP AND CHARGING

Before first use, ensure the battery is fully charged.

4.1. Initial Charge

1. Connect the charger to a suitable power outlet.
2. Slide the battery onto the charger until it clicks into place.
3. The charger's indicator lights will show the charging status. Typically, a red light indicates charging, and a green light indicates a full charge. Refer to your specific charger's manual for detailed light patterns.
4. Once fully charged, remove the battery from the charger.

The battery features fast charge technology and does not develop a memory effect, allowing you to charge it at any state of discharge without impacting its overall lifespan.



Figure 3: A detailed image of the PERUN Power G 20V battery charging unit, showing the connection terminals and indicator lights.

4.2. Checking Battery Charge Level

Press the button next to the LED indicators on the battery. The number of illuminated LEDs indicates the remaining charge:

- **3 LEDs:** Full charge
- **2 LEDs:** Medium charge
- **1 LED:** Low charge, recharge soon

5. OPERATING INSTRUCTIONS

The PERUN Power G 2.0 Ah 20V battery is compatible with all G-Power 20V power tools, including those from YARD Force and PowerG.

5.1. Attaching the Battery to a Tool

1. Ensure the tool is switched off.
2. Align the battery with the battery slot on the tool.
3. Slide the battery firmly into the slot until it clicks into place, indicating a secure connection.

5.2. Removing the Battery from a Tool

1. Ensure the tool is switched off.
2. Press the battery release button (if present on the tool or battery).
3. Slide the battery out of the tool.



Figure 4: An illustrative diagram showing the PERUN Power G 20V battery at the center, surrounded by various compatible power tools such as drills, saws, and garden equipment.



Figure 5: A comprehensive image displaying the PERUN Power G 20V battery system, featuring the battery and a wide range of compatible YARD Force and PowerG tools, including lawnmowers, trimmers, and blowers.

6. MAINTENANCE AND STORAGE

Proper maintenance and storage will extend the life of your battery.

- **Cleaning:** Keep the battery and its terminals clean and free from dust and debris. Use a dry cloth to wipe surfaces.
- **Storage:** For long-term storage, charge the battery to approximately 50-60% capacity. Store in a cool, dry place, away from extreme temperatures. Avoid storing fully charged or completely discharged for extended periods.
- **Temperature:** Do not expose the battery to temperatures below -10°C (14°F) or above 40°C (104°F) during operation or storage.

7. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
Battery not charging	Charger not plugged in; faulty charger; battery not properly seated; damaged battery.	Check power connection; ensure battery is fully inserted; try a different outlet; inspect charger and battery for damage.
Battery discharges quickly	Battery nearing end of life; extreme operating temperatures; heavy tool usage.	Consider replacing the battery; operate within recommended temperature ranges; ensure tool is not overloaded.
LED indicators or charger lights do not match manual	Variations in product revisions or specific charger models.	While the general function remains, slight variations in indicator behavior may occur. If the battery charges and operates normally, this is typically not a fault. Consult PERUN support if concerned.
Battery not powering tool	Battery not charged; battery not properly attached; faulty tool.	Check battery charge level; ensure battery is securely attached; test battery with another compatible tool if possible.

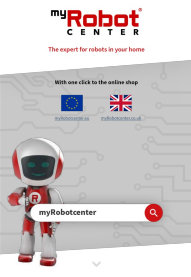





8. SPECIFICATIONS

Feature	Specification
Brand	PERUN
Model Number	AL C20BN
Battery Type	Lithium-ion
Voltage	20 Volts
Capacity	2.0 Ah
Current Rating	2 A
Color	Black
Compatibility	All G-Power 20V power tools (YARD Force & PowerG)

9. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the documentation included with your purchase or contact PERUN customer service directly. Keep your proof of purchase for any warranty claims.

Related Documents - AL C20BN

	<p>PERUN AL C20C 20V Battery Charger - User Manual and Safety Instructions</p> <p>Comprehensive user manual for the PERUN AL C20C 20V battery charger. Includes safety instructions, technical specifications, operation guide, maintenance, disposal information, and CE declaration.</p>
	<p>Perun HPA Trigger Board V2: User and Installation Manual for Airsoft HPA Systems</p> <p>Comprehensive user and installation manual for the Perun HPA Trigger Board V2. Learn about its features, installation process, programming, troubleshooting, and warranty for enhanced airsoft HPA systems.</p>
	<p>Perun V2 Hybrid PRO User and Installation Manual</p> <p>Comprehensive user and installation manual for the Perun V2 Hybrid PRO electronic upgrade module for airsoft and gel blasters, detailing technical specifications, installation, features, programming, and troubleshooting.</p>
	<p>Olight Perun 2 User Manual: Operation, Features, and Specifications</p> <p>Comprehensive user manual for the Olight Perun 2 flashlight, detailing operation, modes, charging, safety, and technical specifications. Learn how to use your Perun 2 effectively.</p>
	<p>Perun Clicker V2 PRO Installation Manual</p> <p>Comprehensive guide for installing and adjusting the Perun Clicker V2 PRO, an accessory for V2 airsoft gearboxes. Learn about compatibility, warranty, trigger feel adjustments, and best practices for setup.</p>
	<p>Perun AB++ Airsoft Mosfet: Installation and Features Manual</p> <p>Comprehensive guide to installing and using the Perun AB++ electronic mosfet for airsoft replicas, covering technical data, features, programming, troubleshooting, and diagnostics.</p>

