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EGO Power+ BA2240

EGO Power+ 56-Volt 4.0 Ah Battery (Model BA2240) Instruction Manual

Your guide to safe and efficient use of your EGO Power+ battery.

1. PRODUCT OVERVIEW

The EGO Power+ 56-Volt 4.0 Ah battery is an advanced power source utilizing industry-leading Arc-Lithium technology. Designed for compatibility with all EGO outdoor power equipment, this battery provides reliable power and extended runtimes. Its innovative Keep-Cool battery technology ensures optimal cell temperature for long life and consistent performance, even in demanding conditions. An integrated fuel gauge allows for easy monitoring of remaining power.



Figure 1: EGO Power+ 56-Volt 4.0 Ah Arc-Lithium Battery. This image displays the black and green battery pack, highlighting its robust design and integrated fuel gauge button.

2. IMPORTANT SAFETY INFORMATION

Always read and understand all safety warnings and instructions before using the battery or any EGO Power+ equipment. Failure to follow these instructions may result in electric shock, fire, and/or serious injury.

- Do not immerse the battery in water or other liquids.
- Do not store the battery where temperatures may reach or exceed 122°F (50°C).
- Do not incinerate the battery, even if it is severely damaged or completely worn out. The battery can explode in a fire.
- Use only EGO Power+ chargers specified for this battery.
- Protect the battery from physical impact and extreme temperatures.

3. SETUP AND INITIAL CHARGE

3.1 Unpacking

Carefully remove the battery from its packaging. Inspect for any signs of damage. If any damage is observed, do not use the battery and contact customer service.

3.2 Charging the Battery

Before first use, fully charge the battery. Use only an EGO Power+ charger. The battery features an integrated fuel gauge to indicate charge level.

1. Connect the EGO Power+ charger to a standard power outlet.
2. Align the battery with the charger's slot and slide it in until it clicks securely into place.
3. The charger's indicator lights will show the charging status. Refer to your charger's manual for specific light patterns.
4. Once fully charged, remove the battery from the charger.

Video 1: EGO 56V Rapid Charger. This video demonstrates the process of charging an EGO 56V battery using a rapid charger, showing how to insert the battery and the charger's indicator lights.

4. OPERATING INSTRUCTIONS

4.1 Inserting the Battery into Equipment

Ensure the equipment is turned off before inserting or removing the battery.

1. Locate the battery compartment on your EGO Power+ tool.
2. Align the battery with the guides in the compartment.
3. Slide the battery firmly into the compartment until it locks into place with an audible click.
4. Gently pull on the battery to ensure it is securely seated.

4.2 Checking Battery Charge Level

The battery features an integrated fuel gauge. Press the button on the battery to illuminate the indicator lights, showing the current charge level.

4.3 Removing the Battery from Equipment

Ensure the equipment is turned off before removing the battery.

1. Press and hold the battery release button(s) on the tool.
2. Slide the battery out of the compartment.

5. MAINTENANCE AND STORAGE

5.1 General Care

The EGO Power+ battery is designed with Keep-Cool cell technology and a patented power management system to protect against overheating and over-discharging. Regular care ensures optimal performance and longevity.

- Keep the battery clean and free of debris. Use a dry cloth to wipe down the exterior.
- Do not clean with water or chemical cleaners.
- Inspect the battery for any cracks or damage before each use.

5.2 Storage

For best results, store the battery in a cool, dry place away from direct sunlight and extreme temperatures. Avoid storing in areas where temperatures may exceed 122°F (50°C).

- Store the battery with a partial charge (e.g., 30-50%) if storing for extended periods.

- Recharge the battery every few months during long-term storage to prevent deep discharge.

6. TROUBLESHOOTING

If you encounter issues with your EGO Power+ battery, refer to the following common solutions:

Problem	Possible Cause	Solution
Battery not charging	Charger not plugged in; faulty outlet; battery too hot/cold; faulty battery/charger	Check power connection; try another outlet; allow battery to reach room temperature; contact customer service.
Battery not powering tool	Battery not fully inserted; low charge; faulty battery/tool	Ensure battery is clicked into place; charge battery fully; test with another battery/tool if available; contact customer service.
Reduced run time	Battery age; extreme operating conditions; heavy load on tool	Battery capacity naturally decreases over time; avoid continuous heavy use; ensure proper tool maintenance.

7. SPECIFICATIONS

- **Model Number:** BA2240
- **Voltage:** 56-Volt
- **Battery Capacity:** 4.0 Amp Hours (Ah)
- **Battery Cell Composition:** Lithium Ion (Arc-Lithium)
- **Product Dimensions:** 7.75 x 3.5 x 6.5 inches
- **Item Weight:** 2.99 pounds
- **Manufacturer:** EGO Power+
- **Recommended Use:** Power Tool

8. WARRANTY AND SUPPORT

8.1 Limited Warranty

All EGO outdoor power equipment comes with a 5-year limited warranty. EGO POWER+ System battery packs and chargers are covered by a 3-year limited warranty. Please retain your proof of purchase for warranty claims.

8.2 Customer Service

For any questions, warranty claims, or technical support, please contact EGO Customer Service:

- **Toll-Free Number:** 1-855-EGO-5656 (1-855-346-5656)

