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EGO Power+ BA2800T

EGO POWER+ 56V 5.0Ah ARC Lithium Battery (BA2800T) Instruction Manual

Model: BA2800T | Brand: EGO Power+

1. INTRODUCTION AND OVERVIEW

The EGO POWER+ 56V 5.0Ah ARC Lithium Battery (Model BA2800T) is designed to provide long-lasting power and rapid charging for a wide range of EGO POWER+ outdoor power equipment. This battery features advanced ARC Lithium technology, including patented Keep Cool Cell Technology, which helps maintain optimal cell temperature and prolong battery life. An upgraded built-in fuel gauge provides real-time information on remaining runtime.



Figure 1: EGO POWER+ 56V 5.0Ah ARC Lithium Battery (BA2800T)

Key Features:

- Long-lasting power and rapid charging capabilities.
- Unique arc design and Keep Cool Cell Technology to prevent overheating and extend battery life.
- Integrated fuel gauge with indicator lights to display remaining power.
- Compatible with all EGO POWER+ Power Equipment and chargers.
- 3-Year Limited Warranty.

MOST ADVANCED TECHNOLOGY IN THE INDUSTRY

Our patented 56V ARC Lithium™ battery technology includes innovative design, intelligent power management, and revolutionary cooling technology for incredible power and performance.



Figure 2: Illustration of EGO POWER+ advanced battery technology.

2. SAFETY INFORMATION

Always read and understand all safety warnings and instructions provided with the battery and any compatible EGO POWER+ tool before use. Failure to follow these instructions may result in electric shock, fire, and/or serious injury.

General Battery Safety:

- Do not disassemble, open, or shred battery packs.
- Do not expose battery packs to heat or fire. Avoid storage in direct sunlight.
- Do not short-circuit a battery pack. Do not store battery packs haphazardly in a box or drawer where they may short-circuit each other or be short-circuited by conductive materials.
- Do not remove a battery pack from its original packaging until required for use.
- Do not subject battery packs to mechanical shock.
- In the event of battery leakage, do not allow the liquid to come into contact with the skin or eyes. If contact has been made, wash the affected area with copious amounts of water and seek medical advice.
- Keep battery packs clean and dry.
- Recharge only with the charger specified by EGO Power+.
- Do not use any charger other than that specifically provided for use with the equipment.

3. WHAT'S IN THE BOX

Your EGO POWER+ 56V 5.0Ah ARC Lithium Battery package includes:

- 1 x EGO POWER+ 56V 5.0Ah ARC Lithium Battery Pack (BA2800T)

Note: Charger and power tools are sold separately unless purchased as part of a kit.

4. SETUP AND FIRST USE

Before using your EGO POWER+ battery for the first time, it is recommended to fully charge it. Ensure you are using a compatible EGO POWER+ charger.

Charging the Battery:

1. Connect your EGO POWER+ charger to a power outlet.
2. Align the battery pack 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.

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Video 1: Demonstration of charging an EGO Power+ battery. This video illustrates the process of placing the battery onto a compatible charger and observing the charging indicator lights.

5. OPERATING THE BATTERY

The EGO POWER+ 56V 5.0Ah ARC Lithium Battery is designed for seamless integration with all EGO POWER+ tools. Always ensure the battery is fully charged before beginning any task to maximize performance and runtime.

Checking the Fuel Gauge:

The battery features an integrated fuel gauge. Press the power button on the battery to activate the indicator lights, which will show the current charge level. This allows you to monitor your remaining power during operation.



Figure 3: Close-up of the EGO POWER+ battery showing the fuel gauge and Keep Cool Cell Technology features.

Inserting into a Tool:

Align the battery pack with the battery port on your EGO POWER+ tool and slide it in firmly until it locks into place. Ensure a secure connection before operating the tool.

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Video 2: Overview of EGO Power+ batteries, highlighting their features and compatibility with various tools.

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Video 3: Demonstrating the EGO Power+ battery's performance and suitability for a lawn mower, showcasing its power delivery.

6. CHARGING INFORMATION

The EGO POWER+ 56V 5.0Ah ARC Lithium Battery is designed for efficient charging with compatible EGO POWER+ chargers. Proper charging ensures optimal battery performance and longevity.

Charge Times:

- **With EGO POWER+ Rapid Charger:** Approximately 40 minutes.
- **With EGO POWER+ Standard Charger:** Approximately 100 minutes.

The ARC Lithium battery technology is engineered for industry-leading recharge times, getting you back to work quickly.



Figure 4: Illustration highlighting the fast charging capabilities of EGO POWER+ ARC Lithium batteries.

7. MAINTENANCE AND STORAGE

Proper maintenance and storage are crucial for maximizing the lifespan and performance of your EGO POWER+ battery.

Battery Care:

- Keep the battery clean and free from debris. Use a dry cloth to wipe the exterior.
- Avoid exposing the battery to extreme temperatures, both hot and cold.
- The patented Keep Cool Cell Technology helps manage heat during operation, but avoid charging or operating the battery in direct sunlight or enclosed, unventilated areas.

Storage:

- Store the battery in a cool, dry place, away from moisture and direct sunlight.
- For long-term storage, it is recommended to store the battery with a partial charge (around 30-50%) rather than fully charged or completely depleted.
- Remove the battery from the tool when not in use to prevent accidental discharge.

8. TROUBLESHOOTING

If you encounter issues with your EGO POWER+ battery, refer to the following common troubleshooting tips:

- **Battery not charging:** Ensure the charger is properly plugged into a working outlet and the battery is securely seated on the charger. Check for any error indicators on the charger.
- **Battery not powering tool:** Ensure the battery is fully charged and properly inserted into the tool. Check the tool's manual for specific battery insertion instructions.
- **Reduced runtime:** Battery performance can be affected by extreme temperatures or prolonged heavy use. Allow the battery to cool down if it feels hot. Ensure the battery is fully charged before each use.
- **Overheating:** The battery's internal management system is designed to prevent overheating. If the battery becomes excessively hot, it may temporarily shut down. Allow it to cool down before attempting further use or charging.

For more detailed troubleshooting or persistent issues, please contact EGO Power+ customer support.

9. SPECIFICATIONS

Specification	Value
Brand	EGO Power+
Model Number	BA2800T
Voltage	56V
Battery Capacity	5.0 Amp Hours
Battery Cell Composition	Lithium Ion
Item Weight	4.98 pounds
Product Dimensions	6.89 x 8.07 x 3.93 inches
Date First Available	March 25, 2019

10. WARRANTY AND SUPPORT

Warranty Information:

The EGO POWER+ 56V 5.0Ah ARC Lithium Battery (BA2800T) comes with a 3-Year Limited Warranty. Please retain your proof of purchase for warranty claims. For full warranty details, refer to the official EGO Power+ warranty documentation or contact customer support.



Figure 5: EGO POWER+ 3-Year Limited Warranty badge.

Customer Support:

For technical assistance, service, or warranty inquiries, please visit the official EGO Power+ website or contact their customer service department. You can also visit the [EGO Power+ Store on Amazon](#) for additional product information and accessories.