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EGO Power+ LT1000

EGO Power+ LT1000 Portable Area Light & BA2800T 56-Volt 5.0 Ah Battery Instruction Manual

Model: LT1000 Portable Area Light & BA2800T 56-Volt 5.0 Ah Battery

Brand: EGO Power+

1. PRODUCT OVERVIEW

The EGO Power+ LT1000 Portable Area Light is designed to illuminate any environment with its versatile lighting options. It features 5 brightness settings, ranging from 600 to an impressive 10,000 lumens in Boost mode, providing natural white light at 4,500 Kelvin. Its compact design, integrated handle, and weather-resistant construction make it suitable for both indoor and outdoor use. The light also includes a USB-A port for charging essential devices.

The included BA2800T 56-Volt 5.0 Ah ARC Lithium™ Battery features an upgraded fuel gauge with built-in indicator lights to display remaining run time. EGO's advanced ARC Lithium™ battery technology incorporates patented Keep Cool Cell Technology to maintain optimal cell temperature, ensuring long life and reliable performance in various conditions.



Figure 1: EGO Power+ LT1000 Portable Area Light in its compact, folded state.

2. SETUP

2.1 Battery Installation

To install the 56-Volt ARC Lithium™ battery (BA2800T or compatible EGO Power+ battery) into the LT1000 Portable Area Light:

1. Ensure the light is powered off.
2. Locate the battery slot on the base of the light.
3. Align the battery with the slot and slide it in until it clicks securely into place.

To remove the battery, press the battery release button and slide the battery out of the slot.



Figure 2: EGO Power+ 56-Volt 5.0 Ah ARC Lithium Battery.

3. OPERATING INSTRUCTIONS

3.1 Powering On/Off

Press the power button located on the control panel to turn the light on or off. The light will illuminate at the last active panel setting and brightness level.

3.2 Brightness Settings

The LT1000 offers 5 brightness levels, plus a Boost mode:

- Press the '+' button to increase brightness.
- Press the '-' button to decrease brightness.
- Hold the '+' button for approximately 3 seconds to activate Boost mode (10,000 lumens).

3.3 Panel Adjustment and Selection

The light features multiple adjustable panels for 360-degree illumination. Use the panel selection button to cycle between different panel configurations (e.g., one panel, two panels, all panels).



Figure 3: The LT1000 Portable Area Light providing 10,000 lumens of illumination.

3.4 USB Charging Port

A USB-A port is integrated into the light's base, allowing you to charge compatible electronic devices using the power from the EGO battery.

3.5 Safety Features

The light is equipped with a safety mechanism that prevents it from turning on if the panels are fully closed. This ensures that the light is not accidentally activated during storage or transport.

4. FEATURES & DESIGN

4.1 Key Features

- Up to 10,000 Lumens output.
- 4,500 Kelvin Natural White Light.
- Up to 35 hours run time on low (with recommended 5.0Ah 56V ARC Lithium battery).
- 360-Degree Illumination with foldable panels.
- Weather-resistant construction for durability.

- Integrated USB-A port for charging devices.
- Compatible with all EGO POWER+ ARC Lithium™ batteries.

4.2 Physical Design & Portability

The LT1000 features a compact design with multiple handle locations for easy transport. The foldable panels allow for compact storage and protection of the light source. The base includes large rubber feet for stability on various surfaces.

4.3 Mounting Options

For versatile placement, the light is equipped with:

- Integrated rafter hooks for hanging overhead.
- Two distinct tripod mounts (1/4-inch and 5/8-inch) for secure attachment to tripods or stands.

5. SPECIFICATIONS

5.1 Technical Data

Specification	Value
Voltage	56 Volts
Brightness Levels (Lumens)	600, 1600, 3200, 4800, 6400, 10000 (Boost)
Color Temperature	4500 Kelvin (Natural White Light)
Approximate Run Time (5.0Ah Battery)	35h (Level 1), 16h (Level 2), 8h (Level 3), 5h (Level 4), 4h (Level 5), 3h (Boost)
Recommended Operating Temperature	5°F - 104°F (-15°C - 40°C)
Storage Temperature	-4°F - 158°F (-20°C - 70°C)
Weight (without battery pack)	9.48 lbs (4.3 kg)
Material	Aluminum
Water Resistance Level	Water Resistant

6. MAINTENANCE

6.1 General Care

Keep the light clean and free of debris. Use a soft, damp cloth for cleaning. Do not use harsh chemicals or abrasive materials. Store the light in a dry, protected area when not in use.

6.2 Battery Care

Always store the battery in a cool, dry place. Avoid extreme temperatures. For optimal battery life, do not store fully discharged batteries for extended periods. Refer to your battery's individual instruction manual for detailed charging and storage guidelines.



Figure 4: EGO Power+ ARC Lithium Battery highlighting Keep Cool Cell Technology and Fuel Gauge.

7. TROUBLESHOOTING

7.1 Common Issues

- **Light not turning on:** Ensure the battery is fully charged and properly seated. Check that the light panels are not fully closed, as a safety feature prevents operation in this state.
- **Reduced run time:** Battery run time can be affected by ambient temperature and continuous use of Boost mode. In very hot environments, the light may automatically reduce brightness to prolong run time.
- **USB port not charging:** Ensure the battery has sufficient charge to power the light and provide output through the USB port.

8. WARRANTY & SUPPORT

8.1 Warranty Information

The EGO Power+ LT1000 Portable Area Light comes with a 5-year limited warranty for consumer use. For professional use, a 1-year warranty applies. Please refer to the warranty card included with your product for

full terms and conditions.

8.2 Product Registration

To ensure full warranty coverage and access to support, it is highly recommended to register your EGO Power+ product online. Visit the official EGO Power+ website or contact customer support for assistance.