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Boundery EBULB

Boundery EBULB Emergency Power Failure LED Light Bulb

User Manual

Introduction

The Boundery EBULB is an emergency LED light bulb designed to provide illumination during power outages. It functions as a standard LED bulb under normal conditions and automatically activates its internal rechargeable battery to provide light when the main power supply is interrupted. This manual provides essential information for the safe and effective use of your EBULB.

Safety Information

- **Electrical Safety:** Always ensure the power is off at the switch before installing or removing the bulb to prevent electrical shock.
- **Indoor Use Only:** This bulb is designed for indoor use. Avoid exposure to water or extreme weather conditions.
- **Proper Installation:** Screw the bulb firmly into a compatible E26 base socket. Do not overtighten.
- **Avoid Disassembly:** Do not attempt to disassemble or modify the bulb. This can lead to damage, electric shock, or fire, and will void the warranty.
- **Heat:** While LED bulbs produce less heat than incandescent bulbs, they can still be warm to the touch. Allow the bulb to cool before handling.
- **Disposal:** Dispose of the bulb according to local regulations for electronic waste, as it contains a rechargeable battery.

Product Overview

The Boundery EBULB is a versatile LED light bulb with an integrated rechargeable battery, designed for both everyday lighting and emergency situations. It features a standard E26 base for easy installation in most light fixtures.

Key Features:

- **Automatic Power Failure Activation:** The bulb automatically switches to battery power when the main electricity supply is interrupted.
- **Rechargeable Battery:** The internal battery recharges automatically when the bulb is powered in a socket.

- **Dual Functionality:** Operates as a regular LED bulb and an emergency light.
- **Portable Use:** Can be used as a handheld flashlight or hung with the included holder hook.
- **Energy Efficient:** Consumes less energy than traditional incandescent bulbs.

Components:

- EBULB Emergency LED Light Bulb
- Holder Hook (for portable use)

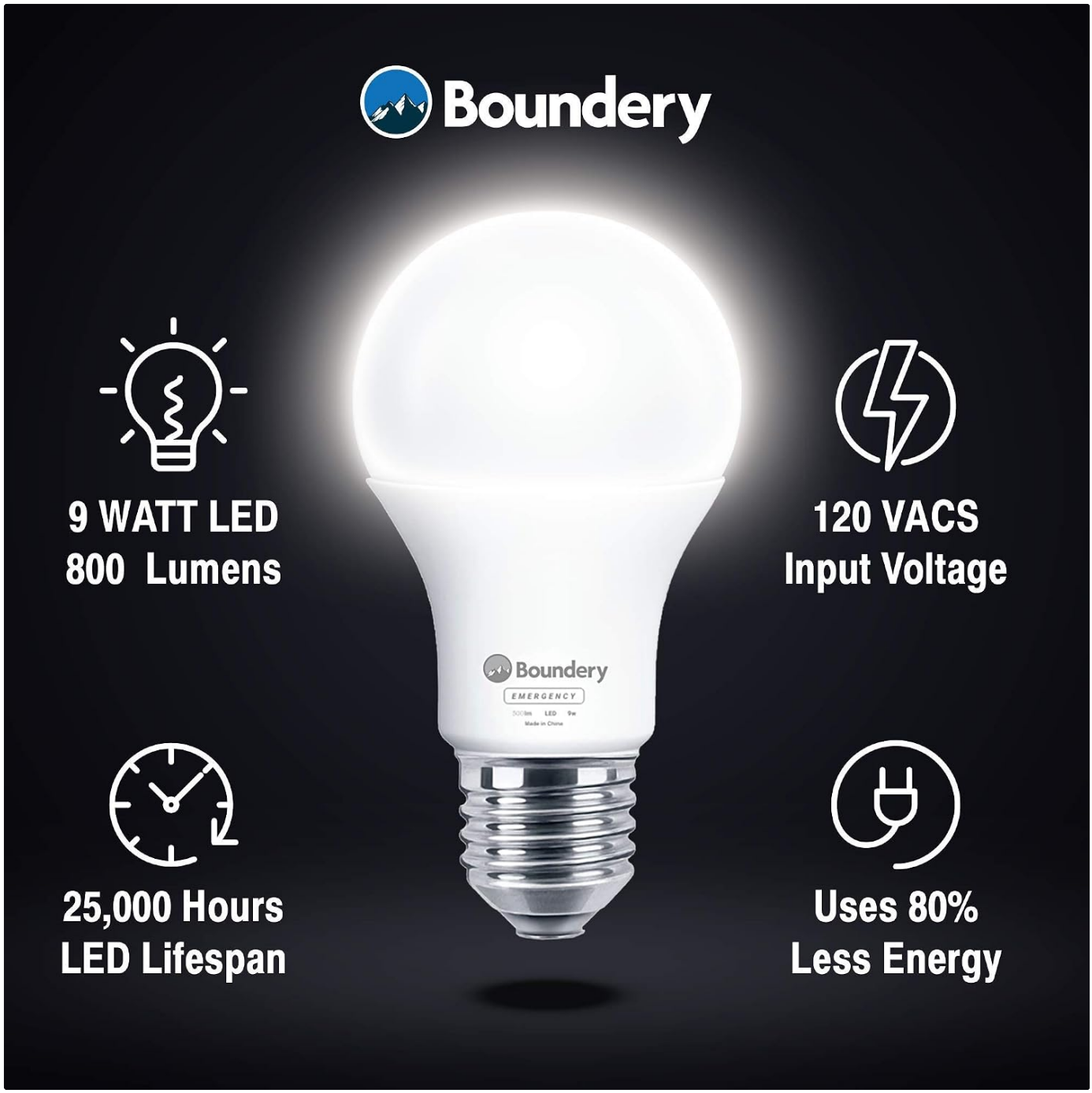


Image: The Boundery EBULB displaying its technical specifications including 9 Watt LED, 800 Lumens, 120 VAC input voltage, 25,000 hours LED lifespan, and 80% less energy consumption.

Setup

1. **Installation:** Ensure the light fixture switch is in the OFF position. Carefully screw the EBULB into a standard E26 light socket. Do not use in enclosed fixtures that may trap heat.



Image: A person's hands carefully screwing the Boundery EBULB into a light socket, replacing a traditional incandescent bulb.

2. **Initial Charge:** Once installed, turn the light switch ON. The bulb will illuminate and begin charging its internal battery. Allow the bulb to remain powered for at least 8 hours to ensure a full initial charge.
3. **Testing (Optional):** To verify emergency functionality, you can temporarily turn off the circuit breaker for the installed fixture. The EBULB should automatically illuminate. Remember to turn the breaker back on after testing.

Important Note:
The EBULB is designed to function optimally in single-bulb fixtures. It may not operate correctly in multi-bulb fixtures or fixtures with dimmers, as these can interfere with the bulb's power sensing and charging mechanisms.

Operating Instructions

Normal Operation:

When the main power supply is active, the EBULB functions as a regular LED light bulb. Use your existing light switch to turn it ON or OFF as needed.

Emergency Operation (Power Outage):

In the event of a power failure, the EBULB will automatically switch to its internal battery power and illuminate, provided the light switch for the fixture is in the ON position. If the light switch was OFF when the power failed, simply turn the switch ON to activate the emergency light.

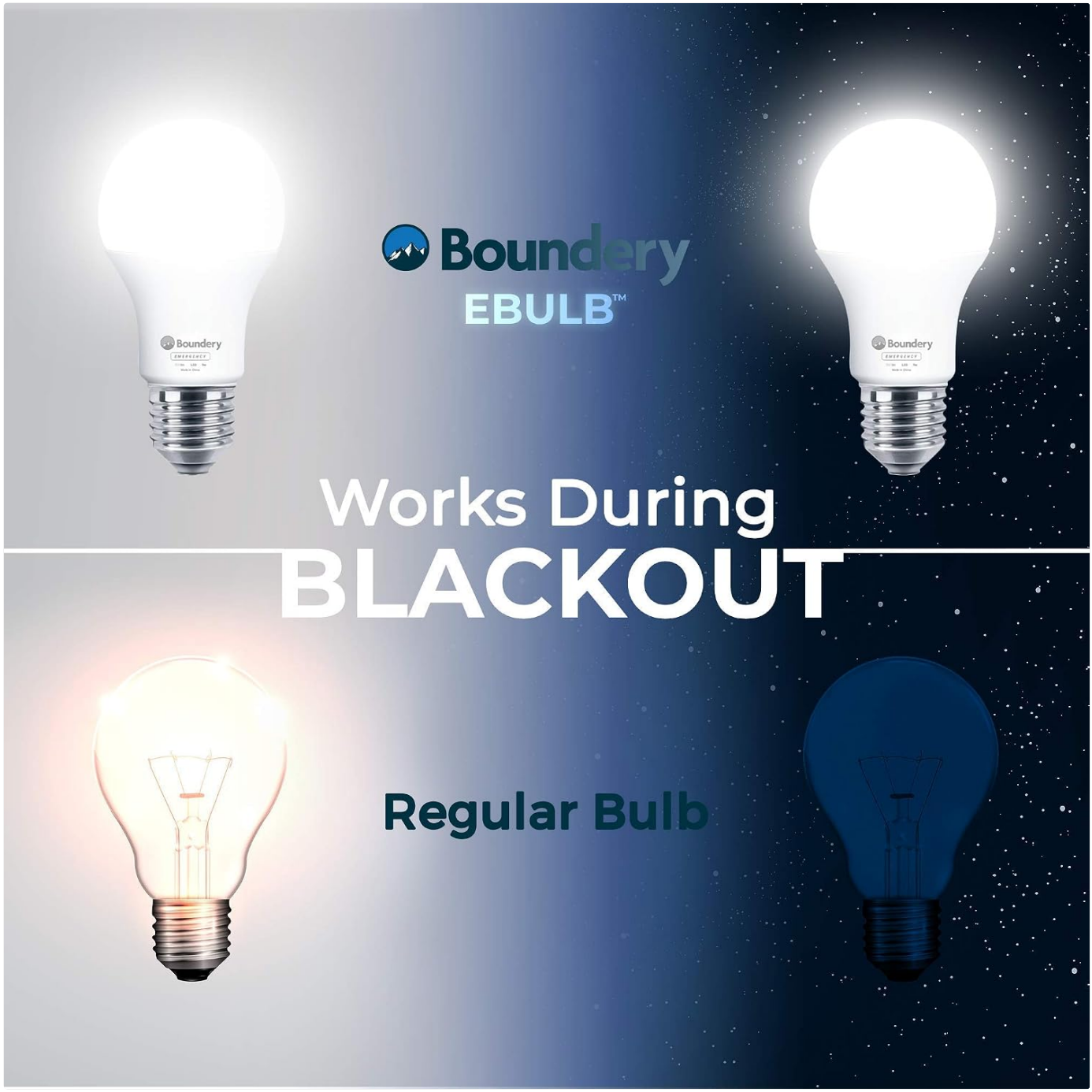


Image: A visual comparison showing the Boundery EBULB illuminated during a simulated blackout, while a regular incandescent bulb remains dark.

Portable Use:

To use the EBULB as a portable light source:

1. Carefully unscrew the EBULB from its fixture.
2. Attach the included holder hook to the base of the bulb. The holder hook often includes a small switch to turn the bulb ON/OFF when used portably.



Image: A person's hands attaching the white holder hook accessory to the base of the Boundery EBULB.

3. Activate the bulb using the switch on the holder hook. You can then hold it as a torch or hang it for hands-free illumination.



Image: A hand holding the illuminated Boundery EBULB as a portable torch, demonstrating its handheld functionality.



Image: The Boundery EBULB hanging from its attached hook, providing light in an outdoor setting, illustrating its versatility.

Maintenance

- **Cleaning:** Ensure the bulb is cool and the power is off before cleaning. Wipe the bulb with a soft, dry cloth. Do not use liquid cleaners or abrasive materials.
- **Battery Care:** The internal battery is designed for long-term use and self-charges. No specific user maintenance is required for the battery beyond ensuring the bulb is regularly used in a powered socket to maintain its charge.

- **Storage:** If storing the bulb for an extended period, ensure it is fully charged before storage and recharge it every 3-6 months to maintain battery health.

Troubleshooting

Problem	Possible Cause	Solution
Bulb does not light during a power outage.	Light switch is OFF. Battery is not sufficiently charged. Installed in a multi-bulb fixture.	Ensure the light switch is in the ON position. Allow the bulb to charge for at least 8 hours in a powered socket. Relocate the bulb to a single-bulb fixture.
Bulb does not light when used portably with holder hook.	Holder hook switch is OFF. Battery is not sufficiently charged.	Ensure the switch on the holder hook is in the ON position. Allow the bulb to charge for at least 8 hours in a powered socket.
Bulb flickers or dims prematurely during emergency mode.	Low battery charge.	Allow the bulb to charge for a longer period in a powered socket.
Bulb does not light at all (normal or emergency).	No power to the socket. Bulb is faulty.	Check the circuit breaker and power supply to the fixture. Contact customer support if power is confirmed and bulb still does not work.

Specifications

Feature	Specification
Brand	Boundery
Model	EBULB
Light Type	LED
Wattage (Power Consumption)	9 Watts
Incandescent Equivalent	60 Watts
Bulb Shape Size	A19
Bulb Base	E26
Brightness (White)	800 Lumens
Light Color	Bright White (3500K)
Voltage	120 Volts (100 to 120 Volts)
Frequency	60 Hertz
Average Life	25,000 Hours
Indoor/Outdoor Usage	Indoor

Feature	Specification
Item Weight	4.6 ounces (0.29 Pounds)
GTIN (UPC)	792436769216

Warranty and Support

For warranty information or technical support, please refer to the product packaging or contact Boundery customer service directly. Keep your purchase receipt as proof of purchase.
For further assistance, please visit the Boundery website or contact their support team.

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