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## Electronic Megastore 8023389640843

# O.N LED Anti-Blackout Emergency Light

Model: 8023389640843

Brand: Electronic Megastore

## 1. PRODUCT OVERVIEW

The O.N LED Anti-Blackout Emergency Light is a 2W, 160 lumen recessed lamp designed for indoor use. It provides 6500K cool white illumination and features an integrated lithium-ion battery for emergency operation during power outages. This lamp is suitable for installation in a standard 503 support box and connects directly to a 230V AC power supply.



Figure 1: Front view of the O.N LED Anti-Blackout Emergency Light.

## 2. SAFETY INFORMATION

Please read all safety instructions carefully before installation and use. Failure to follow these instructions may result in electric shock, fire, or other hazards.

- **Electrical Safety:** Installation must be performed by a qualified electrician in accordance with local electrical codes. Ensure the main power supply is disconnected before any installation or maintenance.
- **Voltage:** This device operates on 230V AC. Verify your power supply matches this requirement.
- **Indoor Use Only:** This product has an IP20 rating, meaning it is protected against solid objects larger than 12.5mm but has no protection against water. Do not install in wet or damp locations.
- **Battery:** Contains a non-replaceable lithium-ion battery. Do not attempt to open or replace the battery. Dispose of the product responsibly at the end of its life.
- **Heat:** Do not cover the lamp or install it near heat sources. Ensure adequate ventilation.
- **Damage:** Do not use the lamp if it is damaged. Contact customer support for assistance.

## 3. PACKAGE CONTENTS

Verify that all items are present in the package:

- 1 x O.N LED Anti-Blackout Emergency Light
- 1 x Integrated Lithium Battery (3.7V 700mAh)
- Mounting screws (typically included for wall box installation)

*Note: The 503 support box for recessed installation is not included and must be purchased separately.*

## 4. INSTALLATION (SETUP)

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This lamp is designed for recessed installation into a standard 503 wall support box. Follow these steps carefully:

1. **Disconnect Power:** Before starting, ensure the main power supply to the installation area is completely switched off at the circuit breaker.
2. **Prepare Wall Box:** Ensure a standard 503 support box is properly installed in the wall.
3. **Wire Connection:** Connect the two wires from the lamp to the 230V AC power supply wires within the wall box. It is crucial to respect the Live (L) and Neutral (N) connections as indicated by your electrical wiring. If unsure, consult a qualified electrician.
4. **Internal Switch:** Locate the small internal switch on the lamp unit. Set this switch to the "ON" position. This activates the anti-blackout function and allows the battery to charge.
5. **Mounting:** Carefully insert the lamp unit into the 503 support box. Use the provided screws to secure the lamp firmly to the wall box.
6. **Restore Power:** Once installation is complete and secure, restore power at the circuit breaker. The lamp will begin charging its internal battery.

*Caution: When removing the transparent cover for accessing the internal switch, exercise care to avoid breaking the fixing tabs.*

## 5. OPERATING INSTRUCTIONS

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The O.N LED Anti-Blackout Emergency Light operates automatically once installed and powered.

- **Normal Operation:** When main power (230V AC) is present, the lamp's internal battery will charge. A small green LED indicator will illuminate to show that the unit is receiving power and charging.
- **Emergency Mode:** In the event of a power outage (blackout), the lamp will automatically switch to battery power and illuminate, providing emergency lighting.
- **Battery Autonomy:** The fully charged battery provides up to 3 hours of continuous light at maximum power during a blackout.
- **Recharge Time:** After a power outage, the battery requires approximately 6-8 hours to fully recharge once main power is restored.

*Note: The small green LED indicator remains lit when power is present. If desired, a small piece of opaque tape can be applied over it to reduce its visibility, without affecting functionality.*

## 6. MAINTENANCE

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The O.N LED Anti-Blackout Emergency Light requires minimal maintenance.

- **Cleaning:** Disconnect power before cleaning. Wipe the lamp's surface with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- **Battery Care:** To ensure optimal battery life, it is recommended to allow the battery to fully discharge and

then fully recharge periodically (e.g., every 3-6 months) if power outages are infrequent.

- **Inspection:** Periodically check the lamp for any visible damage or loose connections.

## 7. TROUBLESHOOTING

If you encounter issues with your O.N LED Anti-Blackout Emergency Light, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Lamp does not light up during a power outage.	<ul style="list-style-type: none"><li>◦ Internal switch is OFF.</li><li>◦ Battery is not charged or faulty.</li><li>◦ Incorrect wiring.</li></ul>	<ul style="list-style-type: none"><li>◦ Ensure the internal switch is set to "ON".</li><li>◦ Allow 6-8 hours for initial battery charge. If problem persists, battery may need replacement (contact support).</li><li>◦ Verify wiring connections (Live and Neutral). Consult an electrician if necessary.</li></ul>
Green LED indicator is not lit when power is present.	<ul style="list-style-type: none"><li>◦ No main power supply.</li><li>◦ Incorrect wiring.</li><li>◦ Faulty LED indicator.</li></ul>	<ul style="list-style-type: none"><li>◦ Check your circuit breaker.</li><li>◦ Verify wiring connections.</li><li>◦ Contact customer support.</li></ul>
Lamp emits a buzzing or whistling sound.	<ul style="list-style-type: none"><li>◦ Component resonance.</li></ul>	<ul style="list-style-type: none"><li>◦ This may be a characteristic of some electronic components. If the sound is disruptive, contact customer support.</li></ul>
Difficulty removing the transparent cover.	<ul style="list-style-type: none"><li>◦ Tight fixing tabs.</li></ul>	<ul style="list-style-type: none"><li>◦ Apply gentle, even pressure. Avoid excessive force to prevent breaking the tabs.</li></ul>

## 8. SPECIFICATIONS

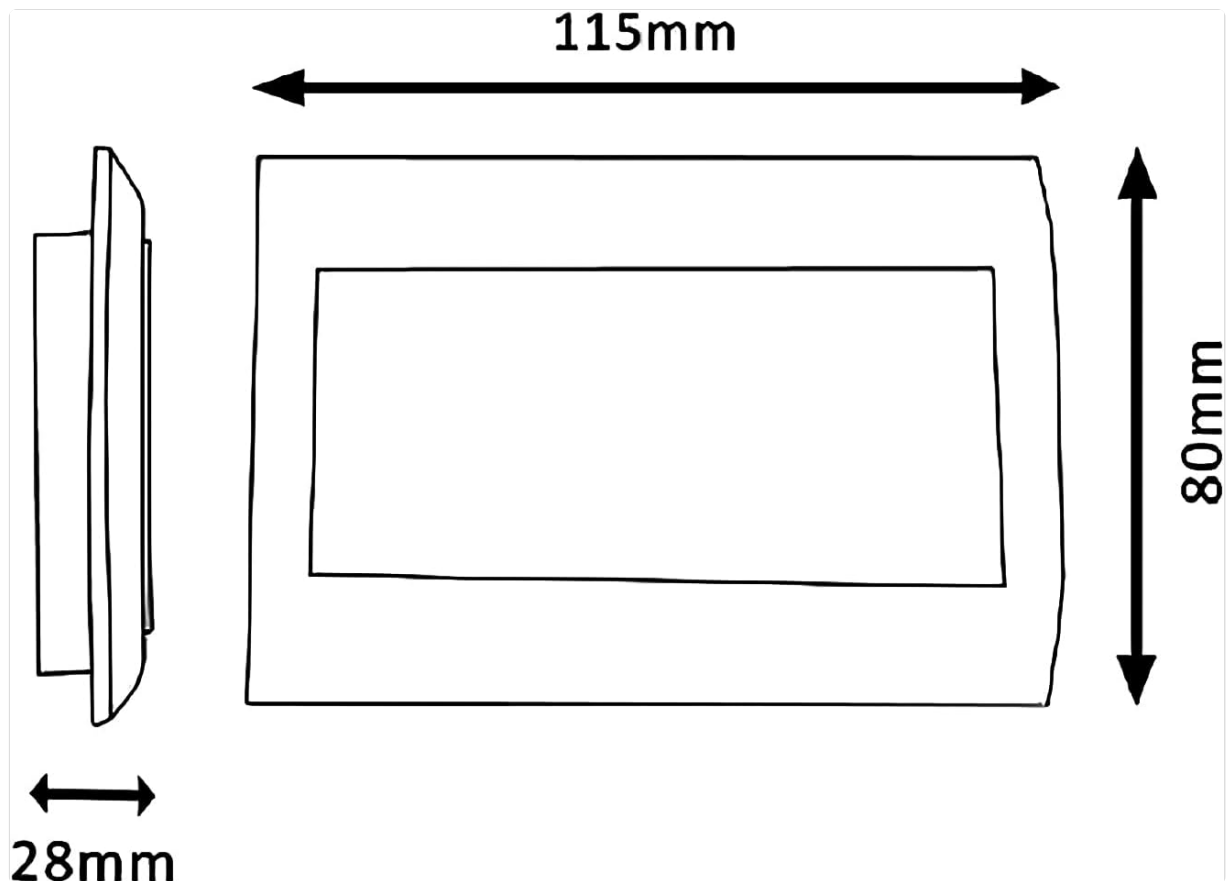


Figure 2: Dimensions of the O.N LED Anti-Blackout Emergency Light.

Feature	Detail
Model Number	8023389640843
Brand	Electronic Megastore
Power	2 W
Luminous Flux	160 lm
Color Temperature	6500 K (Cool White)
LED Type	SMD2835
Number of LEDs	12
Illumination Angle	120°
Power Supply	230 Vac
Battery Type	Lithium 3.7V 700mAh
Battery Autonomy (Max Power)	3 hours
Recharge Time	6-8 hours
Protection Rating	IP20 (Indoor Use Only)
Material	PC (Polycarbonate) / ABS
Color	White
Dimensions (L x W x H)	115 x 80 x 28 mm (4.53 x 3.15 x 1.1 inches)

Feature	Detail
Weight	78 g (0.17 lbs)
Installation Type	Recessed, for 503 support box

## 9. WARRANTY AND SUPPORT

For warranty information and technical support, please contact Electronic Megastore directly through their official channels or the retailer where the product was purchased.

Please have your model number (8023389640843) and proof of purchase ready when contacting support.