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› Energizer EN5-12 12V 5Ah AGM Rechargeable Battery User Manual

## Energizer EN5-12

# Energizer EN5-12 12V 5Ah AGM Rechargeable Battery User Manual

Model: EN5-12

## 1. INTRODUCTION

Thank you for choosing the Energizer EN5-12 12 Volt 5 Amp Hour Sealed Lead Acid AGM Rechargeable Battery. This battery is designed for reliable performance across various applications, including garage door openers, alarm panels, kids' ride-on toys, and backup power systems. Its non-spillable design, powered by Absorbent Glass Mat (AGM) technology, ensures efficient gas recombination and virtually eliminates the need for maintenance.



Image: The Energizer EN5-12 battery, a 12V 5Ah sealed lead-acid AGM rechargeable battery.

**MADE TO  
LAST  
NOT TO  
LEAK**

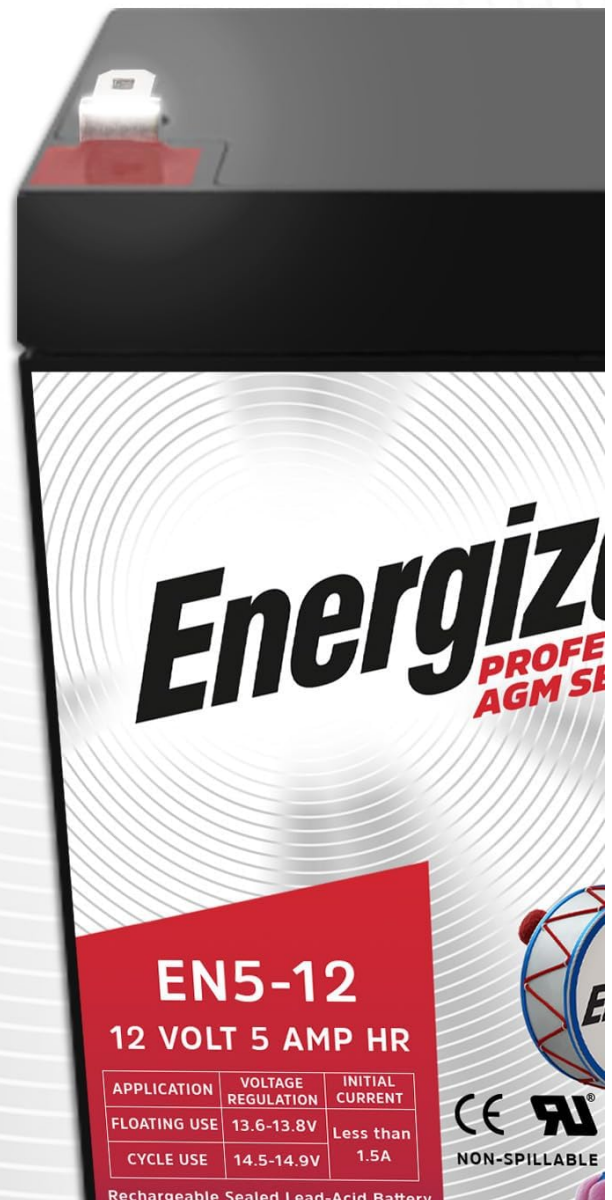


Image: Energizer EN5-12 battery with text 'Made to Last Not to Leak', emphasizing its non-spillable design.

Key features include:

- **Non-Spillable Design:** Utilizes Absorbent Glass Mat (AGM) technology for maintenance-free operation.
- **Quality Construction:** Made with 99.994% LME certified quality lead and computer-designed calcium tin alloy grids for high power density and long service life.
- **Engineered Safety:** Valve-regulated, spill-proof design with overpressure venting systems.
- **Low Self-Discharge Rate:** Maintains readiness even during extended storage.
- **Flexible Installation:** Can be used in any position except upside down.

## 2. SAFETY INFORMATION

Please read and understand all safety instructions before installing or operating your Energizer EN5-12 battery. Failure to follow these instructions may result in electric shock, fire, or serious injury.

- **Do Not Disassemble:** The battery contains corrosive materials. Do not attempt to open or disassemble the battery.
- **Avoid Short Circuits:** Ensure terminals do not come into contact with metal objects or other batteries.

- **Proper Ventilation:** Although sealed, ensure adequate ventilation during charging to prevent gas accumulation.
- **Temperature Control:** Do not expose the battery to extreme temperatures. Operate and store within recommended temperature ranges.
- **Handling:** Use appropriate lifting techniques due to the battery's weight.
- **Disposal:** Dispose of batteries according to local regulations. Do not incinerate.
- **Children:** Keep batteries out of reach of children.

### 3. WHAT'S IN THE BOX

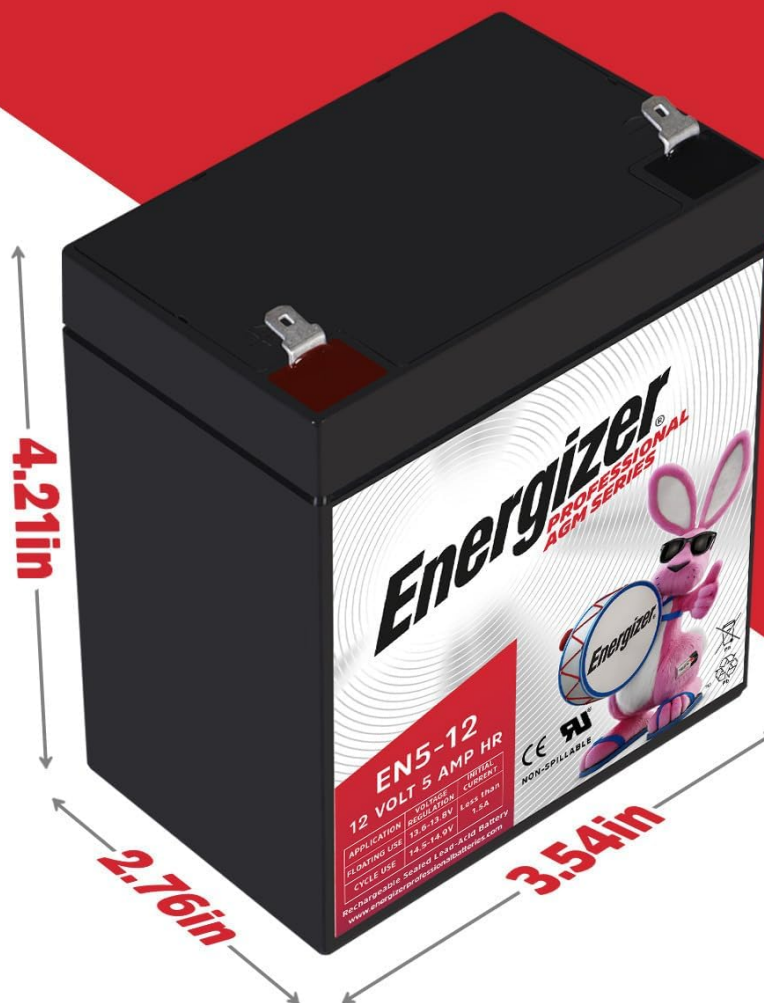
Your Energizer EN5-12 package includes:

- 1 x Energizer EN5-12 Battery
- F1 - F2 Adapters (for terminal compatibility)

Wire harness and mounting accessories are not included with purchase.

### 4. SPECIFICATIONS

# Specifications



Weight: 3.8lbs

Terminal: F1

**2**  
YEAR  
WARRANTY



TM

Image: Energizer EN5-12 battery showing its physical dimensions and weight.

Feature	Detail
Model	EN5-12
Voltage	12 Volts
Amperage	5 Amps
Battery Cell Composition	Lead Acid (AGM)
Item Weight	3.96 pounds
Product Dimensions	3.54 x 2.76 x 4.21 inches
Terminals	F1 (F1-F2 adapters included)
Recommended Uses	Power Tool, Garage Door, Alarm Panels, Kids Ride On, Backup Power



Image: A detailed diagram illustrating the internal configuration of an Energizer battery, labeling components such as the battery lid, terminals, safety valve, top cover, negative plate, positive plate, and AGM separator.

## 5. SETUP AND INSTALLATION

The Energizer EN5-12 battery is designed for straightforward installation and is maintenance-free. It features F1 terminals, and F1-F2 adapters are included to ensure compatibility with a wider range of devices.

### 5.1. Terminal Connection

1. Identify the positive (+) and negative (-) terminals on both the battery and your device.
2. If your device requires F2 terminals, attach the provided F1-F2 adapters to the battery's F1 terminals.
3. Connect the positive (+) terminal of the battery to the positive (+) terminal of your device.
4. Connect the negative (-) terminal of the battery to the negative (-) terminal of your device.
5. Ensure all connections are secure and tight to prevent arcing or poor performance.

### 5.2. Mounting

This battery offers flexible installation options. It can be mounted in any position, with the exception of upside down. Ensure the battery is securely placed to prevent movement or damage during operation.

## 6. OPERATING INSTRUCTIONS

The Energizer EN5-12 battery is a reliable power source for various applications. Its low self-discharge rate ensures it stays ready for action even after extended periods of storage.

### 6.1. Initial Charge

For optimal performance and lifespan, it is recommended to fully charge the battery before its first use. Use a charger specifically designed for 12V Sealed Lead Acid (SLA) or AGM batteries.

### 6.2. Applications

This battery is ideal for a wide range of uses, including but not limited to:

- Garage Door Openers
- Alarm Panels and Security Systems
- Kids' Ride-On Toys
- Backup Power Systems (UPS)
- Emergency Lighting
- Small Power Tools



Image: The Energizer EN5-12 battery providing power for diverse applications such as kids' ride-on toys, home alarm systems, and garage door openers.

### 6.3. Charging Guidelines

Always use a charger compatible with 12V AGM batteries. Overcharging or undercharging can reduce battery life. Refer to your charger's manual for specific instructions. The battery's low self-discharge rate means it retains charge well, but periodic charging is recommended during long storage periods.

Video: An overview of the Energizer PRO AGM Series, showcasing its features, certifications, and various applications including emergency, backup, mobility, lawn & garden, and recreational uses. This video highlights the versatility and reliability of Energizer AGM batteries.

## 7. MAINTENANCE

The Energizer EN5-12 is a maintenance-free battery, meaning you do not need to add water or perform electrolyte checks. However, following these tips will help prolong its lifespan:



Image: An infographic detailing three key tips to extend the lifespan of AGM batteries: using specific chargers, maintaining proper temperature during charging, and avoiding continuous partial charging.

- **Charger Specificity:** Always use chargers with sufficient voltage designed for AGM batteries. Using an incorrect charger can lead to short circuits or damage.
- **Temperature Matters:** Charge batteries within the manufacturer's recommended temperature range. Charging outside this range can cause damage and reduce battery life.
- **No Partial Charging:** Continuously charging batteries to only a certain percentage can lead to a gradual loss of their ability to reach 100% capacity over time. Aim for full charges when possible.
- **Clean Terminals:** Periodically inspect terminals for corrosion and keep them clean and dry.
- **Storage:** Store the battery in a cool, dry place when not in use. Ensure it is fully charged before long-term storage and periodically recharge it every 3-6 months.

## 8. TROUBLESHOOTING

If you encounter issues with your Energizer EN5-12 battery, consider the following common troubleshooting steps:

- **Battery Not Charging:**
  - Check all connections to ensure they are secure and free of corrosion.
  - Verify that the charger is correctly plugged in and functioning.
  - Confirm that the charger is compatible with 12V AGM batteries.
  - Ensure the charging temperature is within the recommended range.
- **Shortened Run Time:**

- The battery may not be receiving a full charge. Review charging practices.
- Check for excessive load on the battery.
- Battery may be nearing the end of its service life.
- **No Power Output:**
  - Ensure the battery is fully charged.
  - Check all connections for looseness or damage.
  - Verify the device connected to the battery is functioning correctly.

If problems persist after following these steps, please contact Energizer customer support for further assistance.

## 9. WARRANTY AND SUPPORT

The Energizer EN5-12 battery comes with a **LIMITED TWO-YEAR WARRANTY**. Energizer has been at the forefront of battery innovation for over a century, consistently delivering products that set the standard for performance and dependability.

TRUSTED POWER FOR UP TO

# 5 YEARS

OF RELIABLE PERFORMANCE\*

**Energizer**  
PROFESSIONAL AGM SERIES

**EN5-12**  
12 VOLT 5 AMP HR

APPLICATION	VOLTAGE REGULATION	INITIAL CURRENT
FLOATING USE	13.6-13.8V	Less than 1.5A
CYCLE USE	14.5-14.9V	1.5A

Rechargeable Sealed Lead-Acid Battery  
www.energizerprofessionalbatteries.com

NON-SPILLABLE

CE, RoHS, Recycle symbols

\*Lifespan varies with usage and maintenance. Ensure Energizer strength by keeping your battery charged and avoiding extended periods of disuse in a charged state, safeguarding against sulfation.

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Image: Energizer EN5-12 battery emphasizing its long-lasting performance, stating 'Trusted Power for up to 5 Years of Reliable Performance'.

### 9.1. Certifications

Our products meet stringent safety and quality standards:

- **UL Certified:** Meets UL safety standards.
- **CE Certified:** Complies with EU health, safety, and environmental requirements.
- **ISO 9001:** Dedicated to internationally recognized quality management systems.
- **ISO 14001:** Commitment to effective environmental management and sustainability.

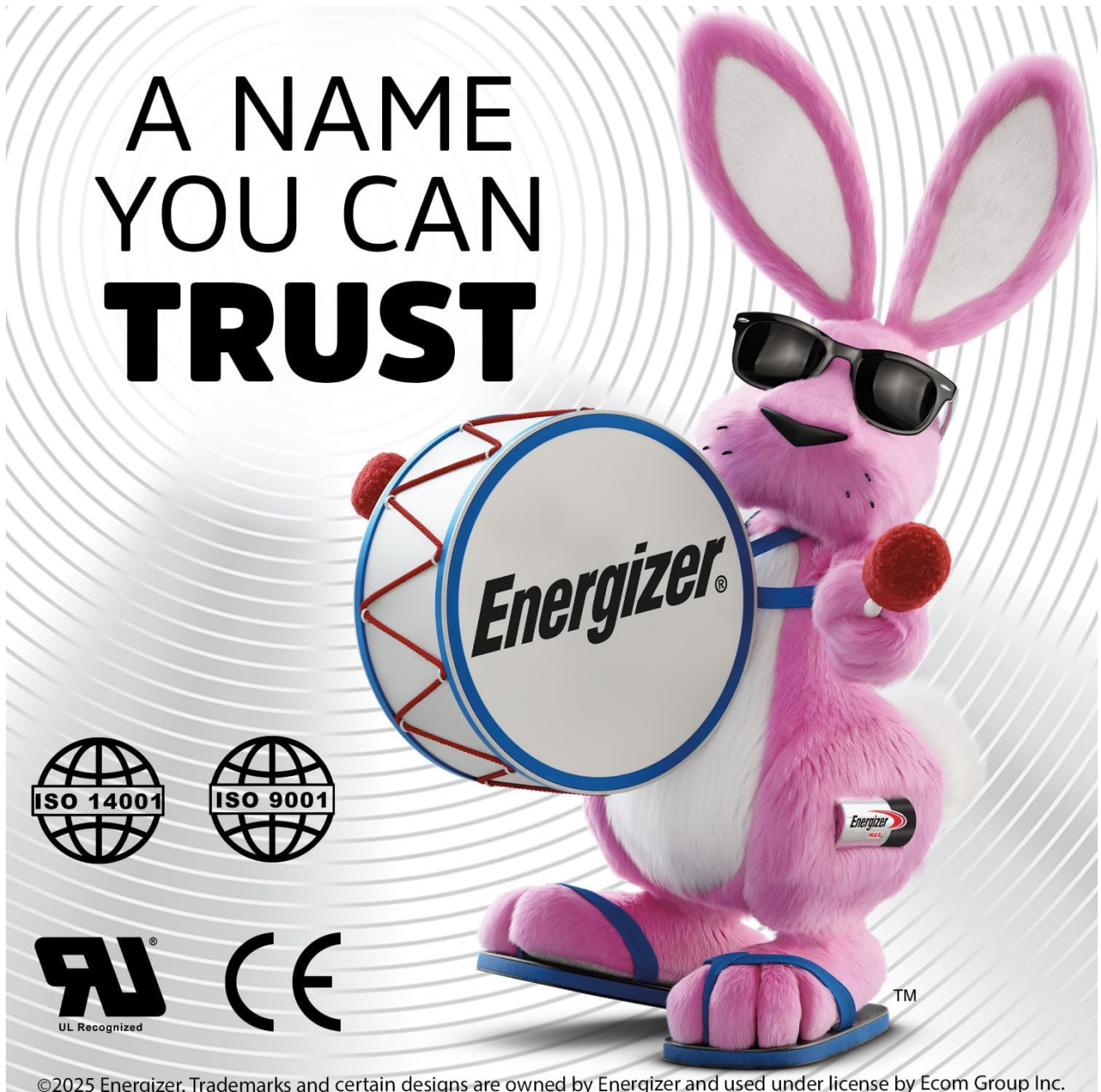


Image: Energizer battery displaying various certifications including ISO 14001, ISO 9001, UL Recognized, and CE, signifying quality and trust.

## 9.2. Customer Support

For warranty claims, technical assistance, or any questions regarding your Energizer EN5-12 battery, please visit the official Energizer website or contact their customer service department. Refer to the product packaging for specific contact details.

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