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Continental CB 12260-NB

Continental Battery CB 12260 NB 12V 26Ah Rechargeable Sealed AGM Battery User Manual

INTRODUCTION

This manual provides essential information for the safe and efficient use of your Continental Battery CB 12260 NB 12V 26Ah Rechargeable Sealed AGM Battery. Please read thoroughly before installation and operation to ensure proper handling and maximize battery lifespan.

SAFETY INFORMATION

WARNING: Improper handling of batteries can lead to serious injury or damage.

- **Risk of Fire, Explosion, or Burns:** Do not disassemble, heat above 60°C (140°F), or incinerate the battery.
- **Avoid Short Circuit:** Do not short circuit the battery terminals. Ensure no metal objects bridge the terminals.
- **Avoid Total Discharging:** Damage to the battery occurs if its voltage drops below 10.5V. Monitor battery voltage during use.
- **Charging Environment:** Do not charge this battery in a sealed container. Ensure adequate ventilation to prevent gas accumulation.
- **Proposition 65 Warning:** This product contains or emits chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.
- Always wear appropriate personal protective equipment (PPE), such as safety glasses and gloves, when handling batteries.
- Keep out of reach of children and pets.

PRODUCT OVERVIEW

The Continental Battery CB 12260 NB is a 12-volt, 26 amp-hour Sealed Lead Acid (SLA) battery featuring Absorbent Glass Mat (AGM) technology. It is designed for deep cycle applications, making it suitable for various uses including lawn and garden equipment, emergency lighting, and uninterruptible power supplies (UPS). This battery is maintenance-free and spill-proof, offering reliable performance.

Key Features:

- SLA Rechargeable 12 Volt 26 Amp Hour Battery
- Absorbent Glass Mat (AGM) Technology
- Maintenance-Free Design with Spill Proof Construction
- U.L. Recognized and CE Certified



Image Description: A black rectangular battery with the 'Continental BATTERIES' logo and product information label visible on its side. The battery features NB (Nut and Bolt) terminals on the top surface.

SETUP AND INSTALLATION

Before installation, ensure the battery is fully charged. Verify that the battery's voltage and capacity are compatible with your equipment's requirements. Always disconnect the negative terminal first when removing an old battery and connect the positive terminal first when installing a new battery.

Terminal Connection:

This battery is equipped with NB (Nut and Bolt) terminals, designed for secure and reliable connections.

1. Identify the positive (+) and negative (-) terminals. The positive terminal is typically marked with a plus sign and is often red, while the negative terminal is marked with a minus sign and is often black.

2. Connect the positive cable from your equipment to the positive battery terminal.
3. Connect the negative cable from your equipment to the negative battery terminal.
4. Ensure all connections are tight and secure using appropriate tools to prevent arcing, overheating, and ensure optimal electrical conductivity.



Image Description: A close-up view of the top of the Continental Battery, clearly showing the red positive terminal and black negative terminal with their respective nut and bolt connections.

OPERATION AND CHARGING

This battery is designed for both standby and cycle use. Proper charging is crucial for battery longevity and performance. Always use a charger compatible with Sealed Lead Acid (SLA) AGM batteries.

Recommended Charging Parameters:

Use Type	Voltage Regulation	Initial Current
Standby Use	13.5-13.8V	3.9A

Use Type	Voltage Regulation	Initial Current
Cycle Use	14.5-14.9V	7.8A

Important Operating Notes:

- Avoid Deep Discharge:** Do not allow the battery voltage to drop below 10.5V, as this can cause irreversible damage and significantly shorten the battery's life.
- Ventilation:** Ensure the charging area is well-ventilated. Do not charge the battery in a sealed container or confined space.
- Regular Replacement:** For optimal performance and safety, it is recommended to replace the battery every 3-5 years, depending on usage patterns and environmental conditions.

MAINTENANCE

The Continental CB 12260 NB battery is a maintenance-free sealed unit. No water addition or electrolyte checks are required, simplifying its upkeep.

- Cleaning:** Keep the battery terminals and casing clean and free of dirt, dust, and corrosion. Use a damp cloth to wipe down the exterior. For corrosion on terminals, use a wire brush and a mixture of baking soda and water, then rinse with clean water and dry thoroughly.
- Storage:** If storing the battery for an extended period, ensure it is fully charged before storage. Store in a cool, dry place away from direct sunlight and extreme temperatures. Periodically check the voltage (every 3-6 months) and recharge if necessary to prevent deep discharge.
- Inspection:** Regularly inspect the battery for any signs of physical damage, swelling, cracks, or leaks. If any issues are observed, discontinue use immediately and replace the battery.

TROUBLESHOOTING

If you experience issues with your battery, consider the following common problems and potential solutions:

- Battery Not Holding Charge:**
 - Check Charger:** Ensure your battery charger is functioning correctly and providing the specified voltage and current for AGM batteries.
 - Deep Discharge:** The battery may have been deeply discharged below 10.5V, which can cause permanent damage and reduce its ability to hold a charge.
 - Battery Age:** Batteries have a finite lifespan (typically 3-5 years). If the battery is old, its capacity may have naturally degraded, requiring replacement.
- Low Voltage Output:**
 - Connections:** Verify all terminal connections are clean, tight, and free of corrosion. Loose or corroded connections can cause significant voltage drops.
 - Load:** Ensure the electrical load on the battery does not exceed its rated capacity. Overloading can lead to voltage sag.
- Battery Overheating During Charge:**
 - Charger Settings:** Confirm the charger settings match the recommended voltage and current for cycle or standby use as specified in this manual. Incorrect settings can lead to overcharging and overheating.

- **Ventilation:** Ensure adequate ventilation around the battery during charging. High ambient temperatures can also contribute to overheating.

For persistent issues or problems not covered here, please contact customer support.

SPECIFICATIONS

Feature	Detail
Model Number	CB 12260-NB
Voltage	12 Volts
Capacity	26 Amp-Hour (Ah)
Battery Cell Composition	Sealed Lead Acid (SLA)
Technology	Absorbent Glass Mat (AGM)
Terminals	NB (Nut and Bolt)
Product Dimensions (L x W x H)	6.56 x 6.97 x 4.92 inches
Manufacturer	Continental
Certifications	U.L. Recognized, CE Certified

WARRANTY INFORMATION

This Continental Battery CB 12260 NB comes with a **1-year warranty** from the date of purchase. The warranty covers defects in materials and workmanship under normal use and service conditions.

What the Warranty Does NOT Cover:

- Damage caused by improper installation, misuse, or negligence.
- Damage due to deep discharge (voltage below 10.5V).
- Damage from physical abuse, neglect, freezing, or unauthorized modifications.
- Normal wear and tear or capacity degradation over time.



Image Description: A circular blue and white logo prominently displaying '1 YEAR WARRANTY' with a banner below stating 'Satisfaction Guaranteed'.

CUSTOMER SUPPORT

For further assistance, technical support, or warranty claims, please contact your retailer or the manufacturer directly. When contacting support, please have your product model number (CB 12260-NB) and purchase date available.

Manufacturer:

Continental

For more information, you may visit the [Continental Store on Amazon](#).

ADDITIONAL RESOURCES

Watch this video for an overview of Continental Batteries:

Your browser does not support the video tag.

Video Description: This video provides a general overview of Continental Batteries, showcasing their manufacturing process, quality control, and commitment to dependability. It highlights the company's nationwide service and presence in over 100 US locations.