

## PULADU 022-000114-00

# PULADU Original 022-000114-00 Comen AX-700 Anesthesia Battery User Manual

Model: 022-000114-00

## 1. INTRODUCTION

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This manual provides essential information for the safe and effective use of the PULADU Original 022-000114-00 Comen AX-700 Anesthesia Battery. Please read this manual thoroughly before using the battery and retain it for future reference. This battery is designed for use with Comen AX-700 Anesthesia machines.

## 2. SAFETY INFORMATION AND WARNINGS

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Improper use of this battery can lead to fire, explosion, or burns. Adhere strictly to the following safety guidelines:

- **Do not crush, puncture, disassemble, or short circuit the battery.**
- Operate and store the battery within the specified temperature range of **-20°C (-4°F) to 60°C (140°F)**.
- The maximum recommended ambient temperature for use is **45°C (125°F)**.
- **Use only the specified charger** for this battery. Using an incompatible charger may cause damage or safety hazards.
- Read all instructions for use carefully before operation.
- Keep the battery away from water and fire.



Figure 2.1: Battery label displaying critical safety warnings and technical specifications in English and Chinese.

### 3. PRODUCT OVERVIEW

The PULADU 022-000114-00 battery is a Lithium-Ion power source designed for specific medical equipment. It features a durable casing and a wired connector for integration.



Figure 3.1: Overall view of the battery, showing its blue casing and top label.

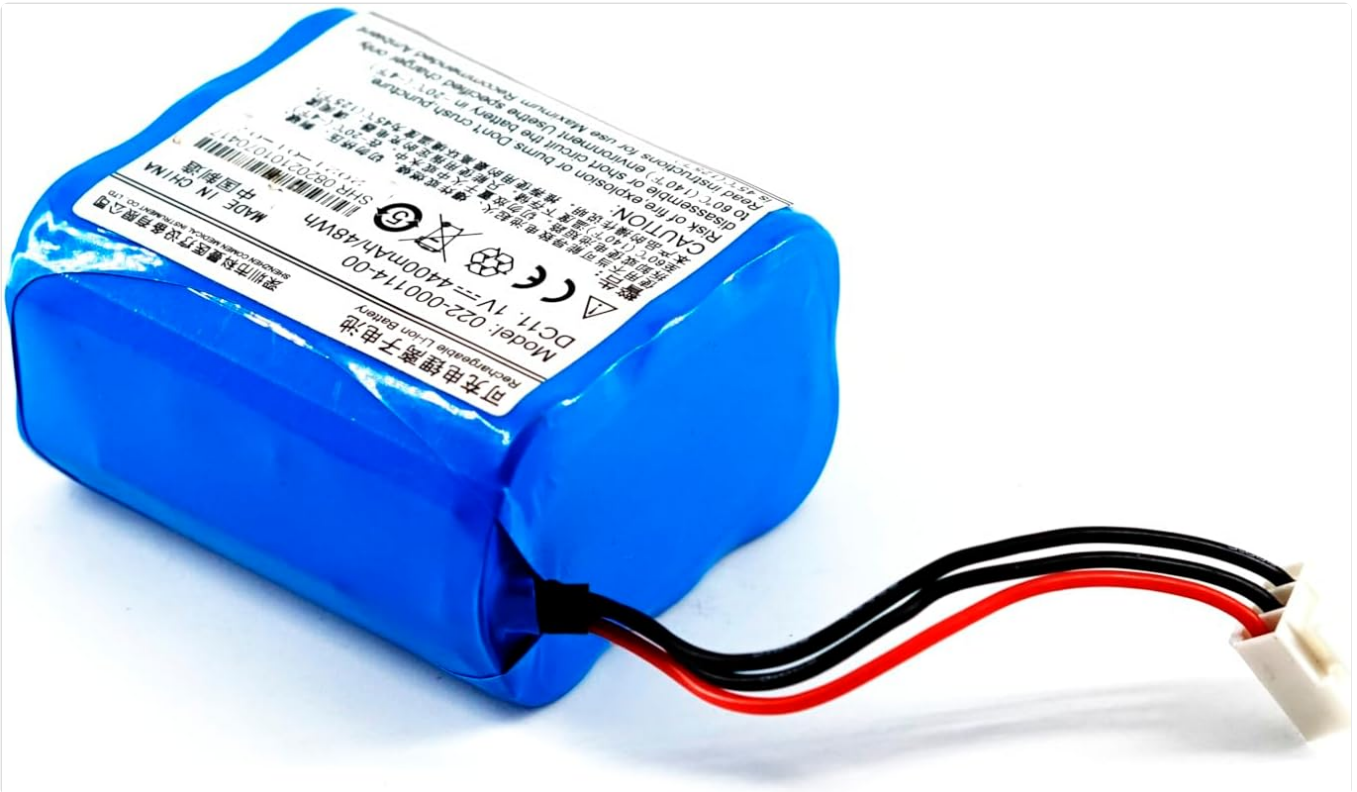


Figure 3.2: Battery showing the integrated wiring harness with red, black, and white wires, and a white connector.



Figure 3.3: Detailed view of the battery's white multi-pin connector, essential for proper installation.



Figure 3.4: Bottom view of the battery, showing its smooth, blue protective casing.

## 4. SETUP AND INSTALLATION

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This battery is intended for professional installation within compatible medical devices, specifically the Comen AX-700 Anesthesia machine. Refer to the anesthesia machine's service manual for detailed installation instructions.

1. Ensure the medical device is powered off and disconnected from all power sources before beginning installation.
2. Locate the battery compartment within the Comen AX-700 Anesthesia machine.
3. Carefully remove the old battery, if present, following the device manufacturer's guidelines for safe disposal.
4. Insert the new PULADU 022-000114-00 battery into the compartment, ensuring proper orientation.
5. Connect the battery's white multi-pin connector to the corresponding port within the device. Ensure the connection is secure and fully seated.
6. Close the battery compartment securely.

7. Power on the device and verify that the battery is recognized and charging correctly.

**Warning: Only qualified personnel should perform battery installation in medical equipment.**

## 5. OPERATING GUIDELINES

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Once installed, the battery operates as an integrated power source for the Comen AX-700 Anesthesia machine. Its primary function is to provide backup power or enable portable operation of the device.

- Monitor the battery charge indicator on the anesthesia machine's display.
- Ensure the battery is fully charged before critical procedures or when portability is required.
- Avoid completely discharging the battery, as this can reduce its lifespan.
- If the device will be stored for an extended period, ensure the battery is charged to approximately 50-70% capacity.

## 6. MAINTENANCE AND STORAGE

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Proper maintenance and storage are crucial for extending the lifespan and ensuring the reliability of your battery.

### 6.1 Charging

- Always use the charger specified by Comen for the AX-700 Anesthesia machine.
- Do not attempt to charge the battery with third-party or unapproved chargers.
- Charge the battery in a well-ventilated area, away from flammable materials.
- Avoid overcharging; the device's charging system should manage this automatically.

### 6.2 Cleaning

- Before cleaning, ensure the battery is disconnected from the device and any power source.
- Wipe the exterior of the battery with a clean, dry, soft cloth.
- Do not use harsh chemicals, abrasive cleaners, or immerse the battery in liquids.

### 6.3 Storage

- Store the battery in a cool, dry place, away from direct sunlight and extreme temperatures.
- The recommended storage temperature range is -20°C (-4°F) to 60°C (140°F).
- For long-term storage, charge the battery to approximately 50-70% capacity every 3-6 months to prevent deep discharge.

## 7. TROUBLESHOOTING

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If you encounter issues with your battery, refer to the following common problems and solutions. For complex issues, consult a qualified technician or contact customer support.

Problem	Possible Cause	Solution
Battery not charging.	Incorrect charger used, loose connection, faulty battery, or device issue.	Ensure the correct charger is used and connections are secure. Test with another known-good battery if possible. Consult device manual.

Problem	Possible Cause	Solution
Short battery life.	Battery degradation, frequent deep discharges, or operating in extreme temperatures.	Ensure proper charging habits. Avoid extreme temperatures. If battery is old, consider replacement.
Device not powering on with battery.	Battery fully discharged, faulty battery, or device issue.	Charge the battery. Verify battery installation. If issues persist, the battery may need replacement or the device requires service.

## 8. SPECIFICATIONS

<b>Brand</b>	PULADU
<b>Manufacturer</b>	Comen
<b>Model Number</b>	022-000114-00 (also listed as 220-00114-00)
<b>Model Name</b>	Comen AX-700 Anesthesia Battery
<b>Battery Cell Composition</b>	Lithium Ion
<b>Voltage</b>	11.1V
<b>Capacity</b>	4400mAh / 48Wh
<b>Reusability</b>	Single Use (refers to the battery unit itself, not its charge cycle)
<b>Recommended Use</b>	Anesthesia Equipment (Comen AX-700)
<b>ASIN</b>	B0D6FYSWR2
<b>Production ID / Serial Number</b>	<a href="#">SHR:08202101070417</a>
<b>Date First Available</b>	June 7 2024

## 9. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the documentation provided with your Comen AX-700 Anesthesia machine or contact the manufacturer directly. As this is a replacement part, warranty terms may be subject to the original equipment manufacturer's policies.

For product inquiries related to the PULADU battery, please contact your supplier or refer to the product listing for seller contact information.

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This manual is for informational purposes only. Always refer to the official Comen AX-700 Anesthesia machine manual for complete operational and safety instructions.