

Exell Battery A24PX

Exell Battery A24PX Alkaline Battery User Manual

Model: A24PX

1. Introduction

The Exell Battery A24PX is a 3.0-volt alkaline battery designed to power various vintage electronic devices, primarily older Polaroid cameras. This cylindrical battery features a unique design with a large snap connector at each end, ensuring compatibility with specific equipment requiring this form factor. It serves as a modern alkaline replacement for older mercury and silver oxide models, providing reliable performance.

2. Compatibility and Replacements

The A24PX battery is compatible with a range of vintage devices and replaces several older battery models.

2.1 Compatible Devices:

- **Polaroid Cameras:** 103, 104, 125, 135, 210, 215, 315, 320, 330, 335, 350, 360, 420, 430, 440, 450, M60, M80, Countdown 70, Countdown 90.
- Light Meters
- Medical Equipment
- Industrial Controls
- Flash Units

2.2 Replaces Models:

- 532
- V24PX
- RPX24
- PX24
- EPX24
- 2LR50
- 1308AP

- NEDA 1308A Eveready 532

3. Specifications

Type	Alkaline
Voltage	3.0 V
Diameter	16.8 mm (0.66 inches)
Height	42.4 mm (1.66 inches)
Item Weight	0.96 ounces
Battery Cell Composition	Alkaline
Battery Capacity	600 Milliamp Hours
Rechargeable	No (Non-rechargeable)
Warranty	1 Year

4. Setup and Installation

Follow these steps to correctly install the Exell Battery A24PX into your compatible device.

1. **Identify Battery Compartment:** Locate the battery compartment on your device. Refer to your device's original manual if unsure.
2. **Remove Old Battery (if applicable):** Carefully remove any existing battery, noting its orientation.
3. **Insert New Battery:** Insert the Exell Battery A24PX, ensuring the positive (+) and negative (-) terminals align correctly with the markings in the compartment. The A24PX has a large snap connector at each end, which should fit securely.
4. **Secure Compartment:** Close the battery compartment cover firmly.
5. **Test Device:** Power on your device to confirm proper battery installation and functionality.



Figure 1: Exell Battery A24PX, illustrating its cylindrical shape and terminal design. This image helps in identifying the battery for correct installation.

5. Operation

Once installed, the Exell Battery A24PX provides power to your device. Its operation is passive, supplying consistent voltage as required by the equipment.

Note for Polaroid Cameras: Some Polaroid camera models (e.g., 335, 350, 360, 450, M80, Countdown 90) utilize two PX24/532 batteries. One battery powers the camera's main functions, while the second is specifically for the built-in electronic development timer. If the development timer feature is not needed, the second battery can be omitted, and an external stopwatch can be used instead.

6. Maintenance

Proper maintenance ensures optimal performance and longevity of your battery and device.

- **Storage:** Store unused batteries in a cool, dry place away from direct sunlight and extreme temperatures.
- **Cleaning:** Keep battery terminals clean and free from dirt or corrosion. Use a dry cloth to wipe them if necessary.

- **Disposal:** Dispose of depleted batteries according to local regulations. Do not incinerate or open batteries.
- **Avoid Short Circuits:** Do not allow metal objects to come into contact with both terminals simultaneously, as this can cause a short circuit.
- **Remove for Long Storage:** If the device will not be used for an extended period, remove the battery to prevent potential leakage and damage to the device.

7. Troubleshooting

If your device is not functioning correctly, consider the following troubleshooting steps:

- **Device Not Powering On:**
 - Check if the battery is inserted with correct polarity (+/-).
 - Ensure the battery compartment is securely closed.
 - Replace the battery with a new one to rule out a depleted battery.
- **Intermittent Power:**
 - Inspect battery terminals for corrosion or loose connections. Clean if necessary.
 - Ensure the battery is seated firmly in the compartment.
- **Short Battery Life:**
 - Verify the battery is genuine Exell Battery A24PX.
 - Ensure the device is not drawing excessive power due to a fault.
 - Consider environmental factors (extreme cold can reduce battery performance).

8. Warranty and Support

The Exell Battery A24PX comes with a **1-year warranty** from the date of purchase, covering manufacturing defects. Please retain your proof of purchase for warranty claims.

For technical support, warranty inquiries, or further assistance, please contact Exell Battery customer service through their official website or the retailer where the product was purchased. Provide your product model number (A24PX) and purchase details for efficient service.

9. Product Visuals and Video

Below are images and a video demonstrating the Exell Battery A24PX.



Figure 2: Front view of the Exell Battery A24PX, clearly showing the model number, voltage, and alkaline chemistry.

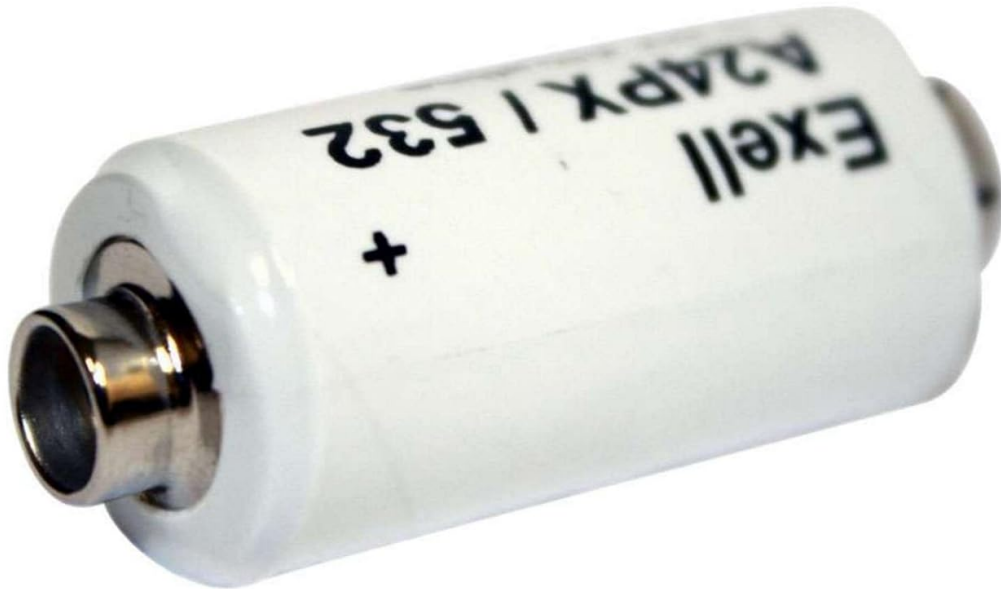


Figure 3: Side view of the Exell Battery A24PX, highlighting its cylindrical form factor and one of the snap terminals.

[Product Overview Video](#)

Your browser does not support the video tag.

Video 1: An official overview of the Exell Battery A24PX, detailing its features, compatibility, and specifications. This video provides a visual guide to the product.