

armitron watch battery

armitron watch battery: An In-Depth Guide to Selection, Replacement, and Maintenance

When it comes to maintaining the functionality and longevity of your Armitron watch, one of the most critical components to consider is the watch battery. The battery powers your watch, ensuring accurate timekeeping and reliable performance. Choosing the right Armitron watch battery, understanding how to replace it, and knowing how to care for it can significantly extend the life of your timepiece. This comprehensive guide explores everything you need to know about Armitron watch batteries, from types and specifications to troubleshooting and proper maintenance.

Understanding Armitron Watch Batteries

What Is an Armitron Watch Battery?

An Armitron watch battery is a small power source designed specifically to fit within the compact casing of the watch. It supplies electrical energy to the movement, allowing the watch to keep time accurately. These batteries are generally button cell batteries, which are round, flat, and compact, ideal for the limited space inside watches.

Types of Watch Batteries Used in Armitron Watches

Armitron watches primarily utilize silver-oxide and lithium batteries, with the choice depending on the watch model and its power requirements.

- **Silver-Oxide Batteries:** These are the most common type used in Armitron watches. They provide a stable voltage (around 1.55V) and are known for their reliability and longevity.
- **Lithium Batteries:** Used in some models that require higher voltage outputs or longer-lasting power sources. Lithium batteries can offer voltages of around 3V and tend to last longer than silver-oxide cells.

Common Battery Models for Armitron Watches

While specific model numbers vary, some of the most common batteries used include:

- SR626SW (377): A popular silver-oxide battery for many small watches.

- SR621SW (364): Used in smaller or more delicate models.
- CR2032: A lithium coin cell sometimes used in digital or specialty Armitron watches.

Knowing the exact model of your watch helps in selecting the correct battery.

Signs Your Armitron Watch Battery Needs Replacement

Indicators of a Dying Battery

Recognizing when your battery is running low can save you from unexpected timekeeping failures. Common signs include:

- The watch has stopped altogether.
- The second hand begins to jump in larger increments instead of sweeping smoothly.
- The digital display dims or flickers.
- The watch shows inconsistent timekeeping.
- The battery hatch or case back is loose or damaged.

Frequency of Battery Replacement

Most Armitron watches require battery replacement every 1 to 3 years, depending on usage, model, and battery type. Digital watches may drain batteries faster, especially if features like backlighting or alarms are used frequently.

How to Replace an Armitron Watch Battery

Tools Required

Before replacing the battery, gather the necessary tools:

- A small flat-head screwdriver or case back opener
- Tweezers (preferably non-metallic or anti-static)
- A new, matching Armitron watch battery
- A case press or rubber ball for resealing
- Clean cloth or work surface

Step-by-Step Replacement Process

1. Prepare Your Workspace

Find a clean, well-lit area to work on your watch. Lay a soft cloth to

prevent scratches.

2. Remove the Case Back

- Use the case back opener or a small flat-head screwdriver to carefully pry open the case back.
- Be gentle to avoid damaging the clips or gasket.

3. Identify the Battery

- Note the orientation of the existing battery (which side is facing up).
- Take a photo if needed for reference.

4. Remove the Old Battery

- Use tweezers to gently lift out the depleted battery.
- Handle with care to avoid damaging internal components.

5. Insert the New Battery

- Place the new battery in the same orientation as the old one.
- Ensure it sits firmly in its compartment.

6. Test the Watch

- Before sealing, check if the watch starts working.
- If not, verify the battery placement or consider testing the new battery.

7. Replace the Case Back

- Carefully press or screw the case back into place, ensuring the gasket is seated properly to maintain water resistance.

8. Final Inspection

- Check that the watch is functioning correctly.
- Clean any fingerprints or smudges from the case.

Important Tips During Replacement

- Always use a battery with the exact model number to ensure compatibility.
- Avoid touching the new battery with your fingers; use tweezers to prevent corrosion.
- Ensure the gasket is intact and properly seated to maintain water resistance.
- If unsure or uncomfortable performing the replacement yourself, consult a professional watch technician.

Maintaining and Extending Your Armitron Watch Battery Life

Proper Usage Tips

- Turn off digital features like backlights when not in use to conserve power.
- Avoid exposing the watch to extreme temperatures, which can drain the battery faster.
- Keep the watch away from strong magnetic fields that can interfere with its operation.

Regular Maintenance and Inspection

- Periodically check the watch's water resistance and gasket integrity.
- Have the watch inspected by a professional if you notice irregular behavior or difficulty opening the case back.

Storing Your Watch

- Store your watch in a cool, dry place when not in use.
- Remove the battery if you plan to store the watch for an extended period to prevent leakage.

Where to Buy Armitron Watch Batteries

Authorized Retailers and Online Stores

- Armitron official website
- Jewelry and watch specialty stores
- Online marketplaces like Amazon, eBay, or specialized watch parts suppliers

Tips for Purchasing Batteries

- Verify the battery model number matches your watch's requirement.
- Purchase from reputable sources to avoid counterfeit or low-quality batteries.
- Consider buying a small pack of batteries if you own multiple watches or want spares.

Professional Battery Replacement Services

Advantages of Using a Professional

- Ensures proper sealing and water resistance.

- Prevents damage to delicate internal components.
- Often includes a warranty or guarantee on work performed.

Finding a Trusted Service Center

- Check for authorized Armitron service centers.
- Read reviews and ask for recommendations.
- Confirm they use genuine replacement parts.

Conclusion

Taking care of your Armitron watch battery is essential for maintaining the device's accuracy, longevity, and overall performance. Understanding the different types of batteries, recognizing signs of depletion, and knowing how to replace them properly can save you time and money. Whether you choose to replace the battery yourself or seek professional assistance, adhering to best practices ensures your watch remains a reliable companion for years to come. Regular maintenance, proper usage, and timely replacements are the keys to preserving the functionality and value of your Armitron timepiece.

Frequently Asked Questions

How often should I replace the battery in my Armitron watch?

Typically, Armitron watch batteries last between 1 to 3 years depending on the model and usage. It's best to have it checked annually or when the watch starts losing time or stops working.

Can I replace the Armitron watch battery myself?

Yes, if you have experience with watch repairs, you can replace the battery yourself using the proper tools. However, for most, it's recommended to visit a professional watch repair service to avoid damaging the watch.

What type of battery does an Armitron watch use?

Most Armitron watches use standard button cell batteries like the SR626SW or similar. It's best to check your specific model's manual or consult a professional to ensure the correct replacement.

How much does it cost to replace an Armitron watch

battery?

Battery replacement costs for Armitron watches typically range from \$10 to \$30, depending on the model and service provider. Some stores may include the battery replacement in their repair services.

Are there any signs that my Armitron watch battery needs replacing?

Signs include the watch stopping unexpectedly, the second hand moving in two-second intervals, or the display fading. If your watch shows these signs, it's time for a battery check or replacement.

Can I upgrade my Armitron watch battery for longer life?

Most Armitron watches use standard batteries that can't be upgraded for longer life. However, choosing a high-quality battery during replacement can help extend the lifespan.

Is it safe to replace my Armitron watch battery at home?

Replacing the battery at home is safe if you have the proper tools and experience. Otherwise, it's safer to have it done by a professional to avoid damaging the watch or injuring yourself.

Will replacing the battery affect my Armitron watch's warranty?

Battery replacement typically doesn't affect the warranty if done by an authorized service provider. However, DIY replacements might void certain warranty terms, so check your warranty policy beforehand.

Where can I get my Armitron watch battery replaced?

You can have your battery replaced at authorized Armitron service centers, jewelry stores, or watch repair shops. Many electronic or watch specialty stores also offer battery replacement services.

Additional Resources

Armitron Watch Battery: An In-Depth Analysis of Power, Performance, and Longevity

In the world of timekeeping, precision and reliability are paramount. Watches

are more than just tools to tell time; they are expressions of style, symbols of punctuality, and sometimes, treasured heirlooms. Central to a watch's functionality is its power source, specifically the Armitron watch battery. As a leading name in affordable yet reliable watches, Armitron's reputation hinges significantly on the quality and longevity of its batteries. This comprehensive review explores the intricacies of Armitron watch batteries, examining their types, performance, maintenance, and how they compare within the broader watch battery landscape.

Understanding the Role of the Armitron Watch Battery

A watch battery serves as the heart of a quartz timepiece, converting chemical energy into electrical energy to power the movement. For Armitron watches, which predominantly utilize quartz movements, the battery's quality directly influences accuracy, lifespan, and overall user satisfaction.

Key Functions of the Watch Battery:

- Providing a steady electrical current to drive the quartz crystal oscillator.
- Ensuring consistent timekeeping accuracy.
- Powering additional features such as alarms, backlights, or chronographs.

Given their crucial role, selecting the right battery and understanding its characteristics is vital for optimal watch performance.

Types of Batteries Used in Armitron Watches

Armitron watches typically employ standard watch batteries, predominantly lithium and silver-oxide types. Each type offers specific advantages, suitability, and considerations.

Silver-Oxide Batteries

Characteristics:

- Voltage: Approximately 1.55V.
- Common in: Most traditional Armitron quartz watches.
- Advantages: Stable voltage, high energy density, and relatively low cost.
- Longevity: Usually last between 1 to 3 years depending on usage.

Popular Models:

- SR626SW (377)
- SR621SW (364)
- SR920SW (371/370)

Silver-oxide batteries are favored for their consistent performance and are often the default choice for many Armitron models.

Lithium Batteries

Characteristics:

- Voltage: Typically 3V.
- Used in: Watches with additional features such as calculators or digital displays.
- Advantages: Longer lifespan, higher energy density, and better performance in extreme temperatures.
- Longevity: Can last 3 to 5 years or more.

Popular Models:

- CR2032
- CR2450

Lithium batteries are ideal for watches requiring higher power demands or extended service intervals.

Factors Influencing Battery Performance and Longevity

While the type of battery is fundamental, several other factors influence how well the battery performs over its lifespan.

Usage and Features

- Digital displays, backlights, alarms, and chronographs consume more power, reducing battery life.
- Regular use of features like illumination or alarms accelerates battery drain.

Environmental Conditions

- Extreme temperatures can diminish battery performance.
- Exposure to moisture or chemicals can lead to corrosion and premature

failure.

Quality of the Battery

- Genuine, high-quality batteries tend to last longer.
- Counterfeit or low-grade batteries may cause early failure and potential damage to the watch.

Installation and Maintenance

- Proper installation ensures good contact and prevents leakage.
- Regularly replacing the battery when it reaches the end of its life prevents damage.

Identifying When Your Armitron Watch Battery Needs Replacing

Recognizing signs of a dying battery can prevent damage and ensure continued accuracy.

Common Indicators:

- The second hand begins "stuttering" or jumping in intervals.
- The watch stops altogether.
- Display or backlight dimming.
- Erratic or inaccurate timekeeping.
- The watch's features (alarms, chronographs) malfunction.

Regular maintenance, even before signs appear, is advisable—typically every 1 to 3 years, depending on the model and usage.

How to Replace an Armitron Watch Battery: Step-by-Step Guide

Replacing a watch battery requires care to avoid damaging the watch or compromising its water resistance.

Tools Needed:

- Watch case opener or a small flat-head screwdriver.
- Tweezers (preferably non-metallic).
- Soft cloth or pad.
- Replacement battery (matching the model and specifications).
- Small screwdriver or case wrench (if applicable).

Procedure:

1. Prepare Your Workspace: Ensure a clean, well-lit area with a soft surface to prevent scratches.
2. Open the Watch Case: Use the case back opener or screwdriver to carefully remove the back cover.
3. Identify the Battery: Note the model number and orientation before removal.
4. Remove the Old Battery: Using tweezers, gently lift the battery, avoiding contact with other components.
5. Insert the New Battery: Place the replacement battery in the same orientation as the original.
6. Check Functionality: Before sealing the case, verify the watch is working correctly.
7. Close the Case: Securely replace the back cover, ensuring it is sealed properly to maintain water resistance.
8. Reset Functions: If the watch has digital features or alarms, reset as needed.

Note: If uncertain or uncomfortable performing the replacement, consult a professional watch technician.

Recommended Batteries for Specific Armitron Models

Model Series	Typical Battery Type	Estimated Lifespan	Notes
Classic Analog Watches	SR626SW, SR621SW	1-2 years	For simple time-only models
Digital or Multi-Function	CR2032, CR2450	3-5 years	For digital features and backlighting

| Sports or Heavy Use | Lithium variants | Up to 5 years | For watches with higher power demands |

Always refer to the user manual or manufacturer's specifications to confirm the appropriate battery type.

Comparing Armitron Batteries with Other Brands

While Armitron uses standard batteries, the choice of brand can influence performance.

Popular Battery Brands:

- Maxell
- Sony
- Renata
- Energizer

Considerations:

- Authenticity and quality assurance.
- Compatibility with specific watch models.
- Price versus longevity.

Many consumers find that using original or high-quality branded batteries yields better performance and longer service life.

Environmental and Disposal Considerations

Used watch batteries contain chemicals that can be harmful to the environment. Proper disposal is essential.

Best Practices:

- Take used batteries to authorized recycling centers.
- Do not dispose of batteries in household trash.
- Consider rechargeable options if available.

Proper disposal helps prevent soil and water contamination and complies with local environmental regulations.

Conclusion: The Significance of a Reliable Watch Battery in Armitron Timepieces

The Armitron watch battery is more than just a power source; it's a critical component that sustains the precision, functionality, and longevity of your timepiece. Understanding the different types of batteries, their expected performance, and how to maintain or replace them ensures that your watch continues to serve faithfully over the years.

Choosing the right battery—preferably genuine or high-quality brands—and handling replacements carefully can extend your watch's lifespan and enhance its reliability. As Armitron continues to be a trusted name in affordable wristwatches, ensuring the health of its batteries remains a key aspect of overall watch care.

Investing in proper battery maintenance not only preserves your watch's accuracy but also protects your investment and contributes to environmental sustainability through responsible disposal. Whether you're a casual wearer or a dedicated collector, understanding the nuances of the Armitron watch battery equips you with the knowledge to keep your timepieces ticking accurately for years to come.

[Armitron Watch Battery](#)

armitron watch battery: Popular Science , 1980-02 Popular Science gives our readers the information and tools to improve their technology and their world. The core belief that Popular Science and our readers share: The future is going to be better, and science and technology are the driving forces that will help make it better.

armitron watch battery: JCPenney [catalog]. , 2005

armitron watch battery: Brandfaces , 2007

armitron watch battery: Zillions , 1995

armitron watch battery: Popular Electronics , 1980

armitron watch battery: Chilton's Jewelers' Circular/keystone , 1988

armitron watch battery: Catalogue Montgomery Ward, 1985

armitron watch battery: Details , 2008

armitron watch battery: Jewelers' Circular/keystone , 1974-10

armitron watch battery: Allure , 2008

armitron watch battery: Marketing Eric N. Berkowitz, 1998

armitron watch battery: J.C. Penney Catalog J.C. Penney Co, 1996

armitron watch battery: Popular Science , 1980

armitron watch battery: Jewelers' Circular-keystone Directory , 1996 The industry's all-in-one buying guide.

armitron watch battery: People , 2008-11

armitron watch battery: Chilton's Jewelers' Circular/keystone Directory , 1989 The great all-in-one listing guide jewelers turn to every business day.

armitron watch battery: Boys' Life , 1989-05 Boys' Life is the official youth magazine for the

Boy Scouts of America. Published since 1911, it contains a proven mix of news, nature, sports, history, fiction, science, comics, and Scouting.

armitron watch battery: Flying Magazine , 1979-09

armitron watch battery: Ebony , 2005-05 EBONY is the flagship magazine of Johnson Publishing. Founded in 1945 by John H. Johnson, it still maintains the highest global circulation of any African American-focused magazine.

armitron watch battery: Going Home A. American, 2015-04-28 When Morgan Carter's car breaks down 250 miles from his home, he figures his weekend plans are ruined. But things are about to get much, much worse: the country's power grid has collapsed. There is no electricity, no running water, no Internet, and no way to know when normalcy will be restored-if it ever will be. An avid survivalist, Morgan takes to the road with his prepper pack on his back. During the gruelling trek from Tallahassee to his home in Lake County, chaos threatens his every step but Morgan is hell-bent on getting home to his wife and daughters.

Related to armitron watch battery

Shop Men's & Women's Watches - Love Every Second | Armitron Armitron has been creating fashionable, quality watches for over fifty years. Shop our selection of Men's and Women's digital and analog watches

Shop All Watches | Join the movement towards sustainable fashion with Wave, where eco-consciousness meets impeccable design. Armitron is a proud supporter of the Wildlife Conservation Society (WCS)

Men's Watch Collection | Armitron Explore Armitron's latest mens watch styles from professional to casual wear. Our collection includes digital, stainless steel, and leather. Buy now!

Women's Watch Collection | Armitron Explore Armitron's exquisite collection of women's watches, where timeless elegance meets modern design. Our collection features the perfect watch for every occasion, from our best

Watch Care, Instructions, and Warranty Information | Armitron Find your Armitron manual for product care and instructions. Learn more about your watch warranty, repair, and replacement services options

| **Watches | Shop All** Armitron has been making high quality, high-style watches at approachable price points since 1975. From dress watches, to sports watches, to waterproof stainless steel, an Armitron watch

About Us | Armitron Watches Since pioneering many of the first affordable digital watches, it has been Armitron's mission to make stylish, functional timepieces accessible to every person. Learn about our story and who

Men's Stainless Steel Watches - Armitron Shop Armitron's collection of men's stainless steel watches featuring gold tone, silver tone, and two tone bands. A must have for any man's wardrobe. Buy now!

Retro Watches Collection | Armitron Step back in time with Armitron's Retro Watches, blending 70s & 80s nostalgia with modern functionality. Add a touch of nostalgic charm to your wardrobe today!

Digital Watches for Men - Armitron Explore Armitron's collection of digital watches for men, designed to combine advanced technology with timeless style. Whether you prefer a purely digital watch or a hybrid analog

Shop Men's & Women's Watches - Love Every Second | Armitron Armitron has been creating fashionable, quality watches for over fifty years. Shop our selection of Men's and Women's digital and analog watches

Shop All Watches | Join the movement towards sustainable fashion with Wave, where eco-consciousness meets impeccable design. Armitron is a proud supporter of the Wildlife Conservation Society (WCS)

Men's Watch Collection | Armitron Explore Armitron's latest mens watch styles from professional

to casual wear. Our collection includes digital, stainless steel, and leather. Buy now!

Women's Watch Collection | Armitron Explore Armitron's exquisite collection of women's watches, where timeless elegance meets modern design. Our collection features the perfect watch for every occasion, from our best

Watch Care, Instructions, and Warranty Information | Armitron Find your Armitron manual for product care and instructions. Learn more about your watch warranty, repair, and replacement services options

| Watches | Shop All Armitron has been making high quality, high-style watches at approachable price points since 1975. From dress watches, to sports watches, to waterproof stainless steel, an Armitron watch

About Us | Armitron Watches Since pioneering many of the first affordable digital watches, it has been Armitron's mission to make stylish, functional timepieces accessible to every person. Learn about our story and who

Men's Stainless Steel Watches - Armitron Shop Armitron's collection of men's stainless steel watches featuring gold tone, silver tone, and two tone bands. A must have for any man's wardrobe. Buy now!

Retro Watches Collection | Armitron Step back in time with Armitron's Retro Watches, blending 70s & 80s nostalgia with modern functionality. Add a touch of nostalgic charm to your wardrobe today!

Digital Watches for Men - Armitron Explore Armitron's collection of digital watches for men, designed to combine advanced technology with timeless style. Whether you prefer a purely digital watch or a hybrid analog

Shop Men's & Women's Watches - Love Every Second | Armitron Armitron has been creating fashionable, quality watches for over fifty years. Shop our selection of Men's and Women's digital and analog watches

Shop All Watches | Join the movement towards sustainable fashion with Wave, where eco-consciousness meets impeccable design. Armitron is a proud supporter of the Wildlife Conservation Society (WCS)

Men's Watch Collection | Armitron Explore Armitron's latest mens watch styles from professional to casual wear. Our collection includes digital, stainless steel, and leather. Buy now!

Women's Watch Collection | Armitron Explore Armitron's exquisite collection of women's watches, where timeless elegance meets modern design. Our collection features the perfect watch for every occasion, from our best

Watch Care, Instructions, and Warranty Information | Armitron Find your Armitron manual for product care and instructions. Learn more about your watch warranty, repair, and replacement services options

| Watches | Shop All Armitron has been making high quality, high-style watches at approachable price points since 1975. From dress watches, to sports watches, to waterproof stainless steel, an Armitron watch

About Us | Armitron Watches Since pioneering many of the first affordable digital watches, it has been Armitron's mission to make stylish, functional timepieces accessible to every person. Learn about our story and who

Men's Stainless Steel Watches - Armitron Shop Armitron's collection of men's stainless steel watches featuring gold tone, silver tone, and two tone bands. A must have for any man's wardrobe. Buy now!

Retro Watches Collection | Armitron Step back in time with Armitron's Retro Watches, blending 70s & 80s nostalgia with modern functionality. Add a touch of nostalgic charm to your wardrobe today!

Digital Watches for Men - Armitron Explore Armitron's collection of digital watches for men, designed to combine advanced technology with timeless style. Whether you prefer a purely digital watch or a hybrid analog

Shop Men's & Women's Watches - Love Every Second | Armitron Armitron has been creating fashionable, quality watches for over fifty years. Shop our selection of Men's and Women's digital and analog watches

Shop All Watches | Join the movement towards sustainable fashion with Wave, where eco-consciousness meets impeccable design. Armitron is a proud supporter of the Wildlife Conservation Society (WCS)

Men's Watch Collection | Armitron Explore Armitron's latest mens watch styles from professional to casual wear. Our collection includes digital, stainless steel, and leather. Buy now!

Women's Watch Collection | Armitron Explore Armitron's exquisite collection of women's watches, where timeless elegance meets modern design. Our collection features the perfect watch for every occasion, from our best

Watch Care, Instructions, and Warranty Information | Armitron Find your Armitron manual for product care and instructions. Learn more about your watch warranty, repair, and replacement services options

| Watches | Shop All Armitron has been making high quality, high-style watches at approachable price points since 1975. From dress watches, to sports watches, to waterproof stainless steel, an Armitron watch

About Us | Armitron Watches Since pioneering many of the first affordable digital watches, it has been Armitron's mission to make stylish, functional timepieces accessible to every person. Learn about our story and who

Men's Stainless Steel Watches - Armitron Shop Armitron's collection of men's stainless steel watches featuring gold tone, silver tone, and two tone bands. A must have for any man's wardrobe. Buy now!

Retro Watches Collection | Armitron Step back in time with Armitron's Retro Watches, blending 70s & 80s nostalgia with modern functionality. Add a touch of nostalgic charm to your wardrobe today!

Digital Watches for Men - Armitron Explore Armitron's collection of digital watches for men, designed to combine advanced technology with timeless style. Whether you prefer a purely digital watch or a hybrid analog

Shop Men's & Women's Watches - Love Every Second | Armitron Armitron has been creating fashionable, quality watches for over fifty years. Shop our selection of Men's and Women's digital and analog watches

Shop All Watches | Join the movement towards sustainable fashion with Wave, where eco-consciousness meets impeccable design. Armitron is a proud supporter of the Wildlife Conservation Society (WCS)

Men's Watch Collection | Armitron Explore Armitron's latest mens watch styles from professional to casual wear. Our collection includes digital, stainless steel, and leather. Buy now!

Women's Watch Collection | Armitron Explore Armitron's exquisite collection of women's watches, where timeless elegance meets modern design. Our collection features the perfect watch for every occasion, from our best

Watch Care, Instructions, and Warranty Information | Armitron Find your Armitron manual for product care and instructions. Learn more about your watch warranty, repair, and replacement services options

| Watches | Shop All Armitron has been making high quality, high-style watches at approachable price points since 1975. From dress watches, to sports watches, to waterproof stainless steel, an Armitron watch

About Us | Armitron Watches Since pioneering many of the first affordable digital watches, it has been Armitron's mission to make stylish, functional timepieces accessible to every person. Learn about our story and who

Men's Stainless Steel Watches - Armitron Shop Armitron's collection of men's stainless steel watches featuring gold tone, silver tone, and two tone bands. A must have for any man's wardrobe.

Buy now!

Retro Watches Collection | Armitron Step back in time with Armitron's Retro Watches, blending 70s & 80s nostalgia with modern functionality. Add a touch of nostalgic charm to your wardrobe today!

Digital Watches for Men - Armitron Explore Armitron's collection of digital watches for men, designed to combine advanced technology with timeless style. Whether you prefer a purely digital watch or a hybrid analog

Related Articles

- [town of oyster bay recycling](#)
- [speedy green 3000](#)
- [webassign answer key](#)

[Back to Home](#)