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› POWEROWL LR44 Batteries User Manual

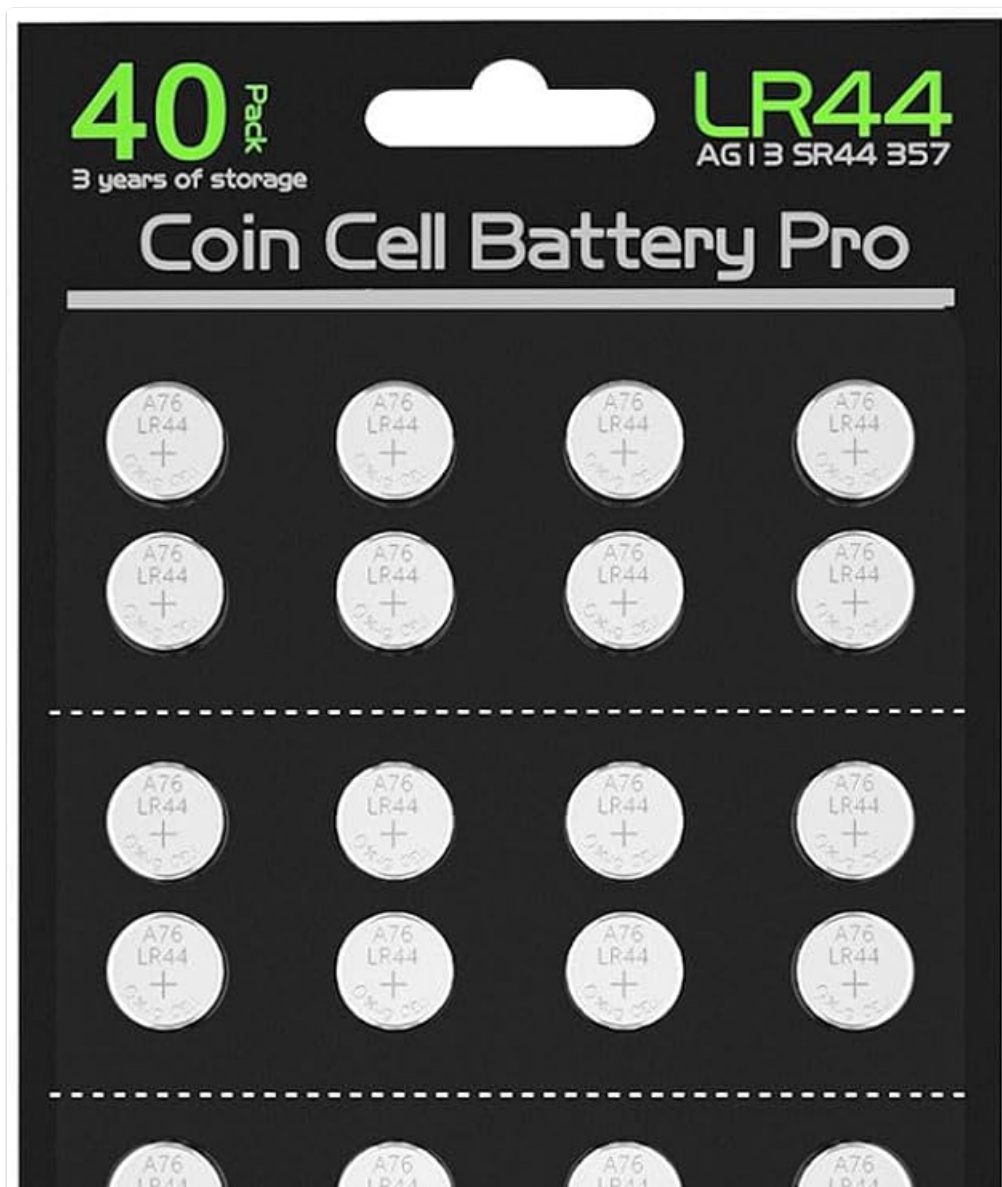
POWEROWL LR44

POWEROWL LR44 Batteries User Manual

High Capacity LR44 Alkaline Button Coin Cell Batteries

1. PRODUCT OVERVIEW

The POWEROWL LR44 batteries are high-capacity 1.5V alkaline button coin cell batteries designed for reliable and long-lasting power. This manual provides essential information for safe and effective use of your POWEROWL LR44 batteries.



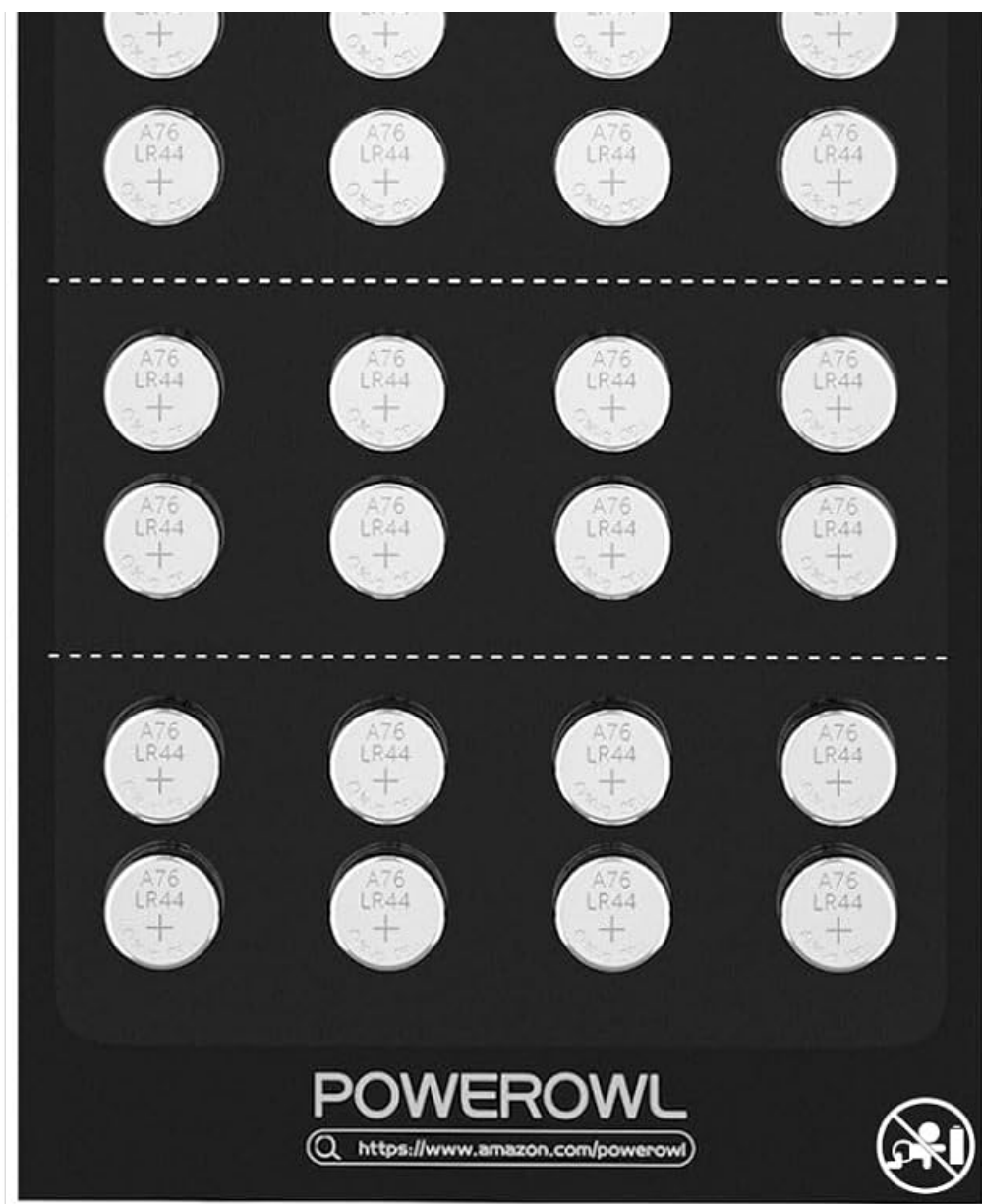


Figure 1: POWEROWL LR44 Batteries 40-pack packaging.

Key Features:

- High Density Battery Cells: Enhanced energy density by 10% and monomer capacity by 20% compared to normal cells for improved performance.
- Power Preserve Technology: Air- and liquid-tight seal with dual crimps, new zinc composition, and anti-corrosion components to lock in power.
- Mercury-Free: Designed with environmental protection in mind.
- Wide Compatibility: Suitable for a broad range of devices.

2. SAFETY INFORMATION AND WARNINGS

Please read and adhere to all safety warnings to prevent injury or damage.

WARNING: KEEP OUT OF REACH OF CHILDREN. Swallowing can lead to chemical burns and perforation of the esophagus, potentially resulting in death. Seek immediate medical attention if swallowed.

WARNING: DO NOT OPEN BATTERY, DISPOSE IN FIRE. Batteries may explode or leak if mishandled.

WARNING: AVOID STACKING BATTERIES. Stacking multiple batteries can cause short circuits, leading to explosion or

leakage. Keep batteries in their original packaging until ready to use.

CAUTION: Store the battery only in dry locations. Keep away from rain, snow, or excessive moisture.



Figure 2: Back of packaging showing safety cautions and disposal information.

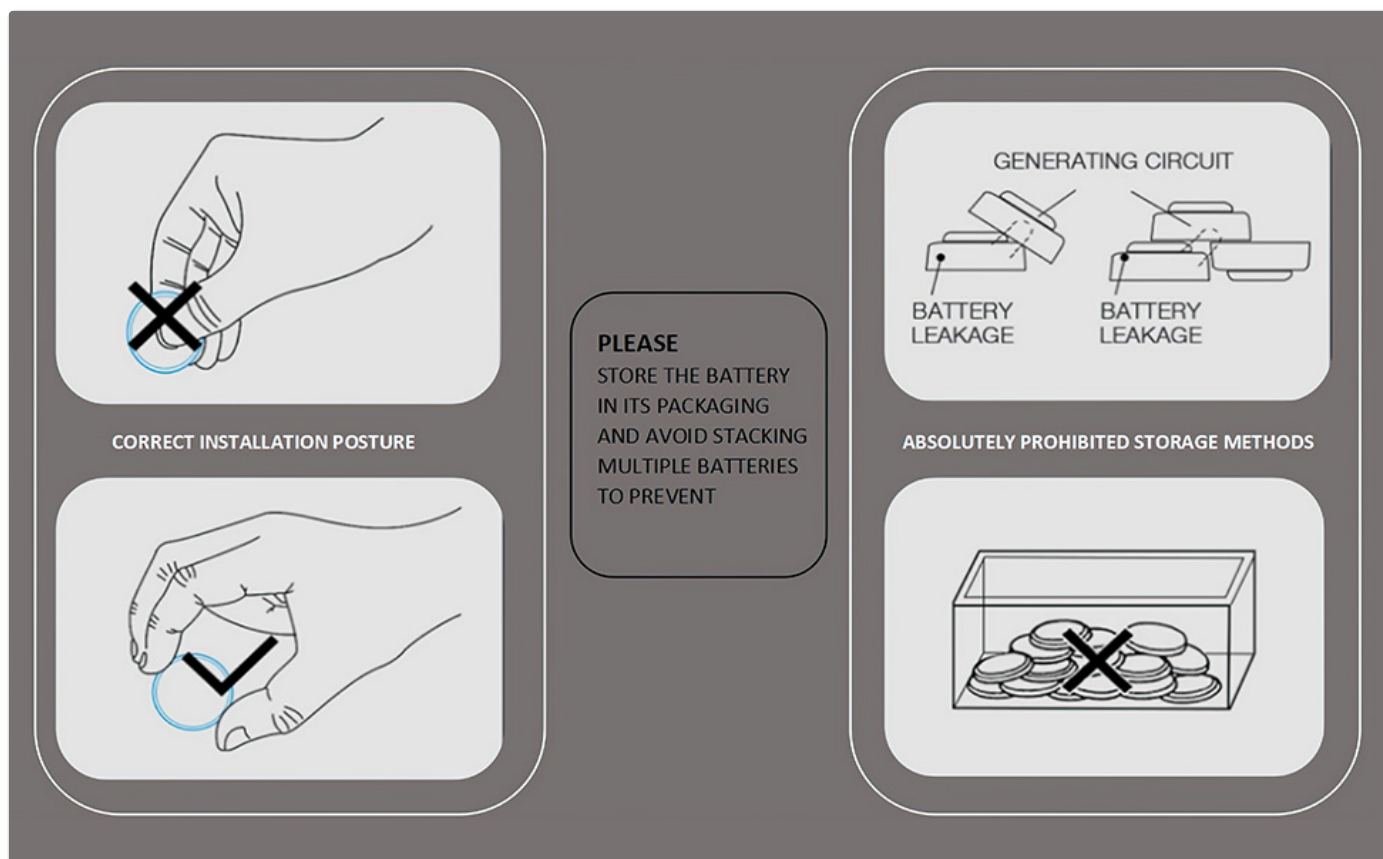


Figure 3: Illustration of correct battery installation posture and absolutely prohibited storage methods to prevent leakage or explosion.



Figure 4: Examples of improper battery storage, which can lead to leakage or explosion.

3. INSTALLATION (SETUP)

Follow these steps to properly install your LR44 battery into a compatible device:

1. Identify the battery compartment on your device.
2. Open the battery compartment cover.
3. Observe the polarity markings (+ and -) inside the compartment.
4. Insert the LR44 battery, ensuring the positive (+) side aligns with the positive terminal in the device, and the negative (-) side aligns with the negative terminal. Refer to Figure 3 for correct installation posture.
5. Close the battery compartment cover securely.

Always ensure the battery is inserted correctly to avoid damage to the device or battery.

4. OPERATING (USAGE)

POWEROWL LR44 batteries provide reliable power for a wide range of electronic devices. They are commonly used in:

- Watches
- Calculators
- Medical devices (e.g., thermometers, blood glucose meters)
- Car toys
- Access control devices
- Remote controls
- Various car keys
- Electronic scales

Applicable equipment



Car toys



Thermometer



Calculator



Access control



Remote control



Various car keys



Electronic scale



Blood glucose meter



Wrist watch



⚠ WARNING:
STACKING STORAGE BATTERIES CAN CAUSE SHORT CIRCUITS,
CAUSING THE BATTERIES TO EXPLODE
Keep batteries in original package until ready to use.

Figure 5: Examples of devices compatible with LR44 batteries.

Performance Characteristics:

- Stable Voltage: Designed to provide stable voltage output for consistent device operation.
- Long Lasting Power: Utilizes high-density battery cells for extended operational life.
- Leak-Proof Design: Features a sealed and leak-proof construction for enhanced safety and durability.

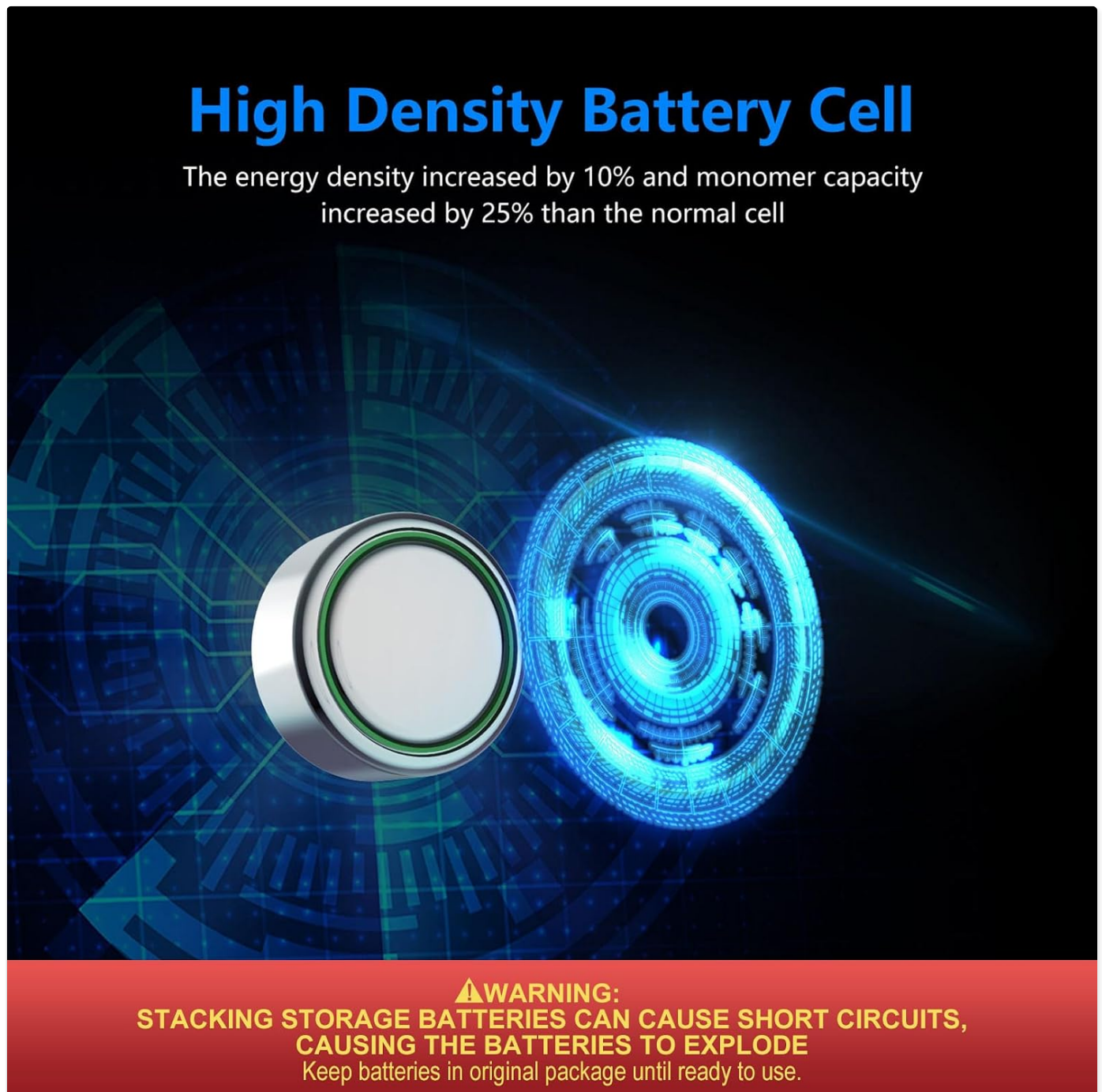


Figure 6: Illustration of the high-density battery cell technology.

Sealed and Leak-Proof, Safe and Durable

Safer than you think



Stainless steel



Short circuit proof
and leakage proof



Safe to use

High quality stainless steel



rubber sealed loop

⚠ WARNING:
STACKING STORAGE BATTERIES CAN CAUSE SHORT CIRCUITS,
CAUSING THE BATTERIES TO EXPLODE
Keep batteries in original package until ready to use.

Figure 7: Depiction of the sealed and leak-proof design for enhanced safety.

5. MAINTENANCE

Proper maintenance and storage are crucial for maximizing battery life and ensuring safety:

- **Storage:** Store unused batteries in their original, unopened packaging in a cool, dry place. Avoid extreme temperatures and humidity.
- **Avoid Stacking:** Never store loose batteries together or stacked, as this can lead to short circuits, leakage, or explosion (refer to Figure 3 and Figure 4).
- **Disposal:** Dispose of used batteries according to local regulations. Do not dispose of batteries in fire.
- **Shelf Life:** POWEROWL LR44 batteries have a shelf life of 3 years when stored correctly.

6. TROUBLESHOOTING

If you encounter issues with your POWEROWL LR44 batteries, consider the following:

- **Device Not Powering On:**
 - Ensure batteries are inserted with correct polarity (+/-).
 - Check if the battery compartment is clean and free of corrosion.
 - Verify that the batteries are new and not depleted.
- **Short Battery Life:**
 - Confirm the device is compatible with LR44 batteries and not requiring a different type.
 - Ensure batteries were stored correctly prior to use (cool, dry place, in original packaging). Improper storage can reduce shelf life.
 - Consider the power demands of the device; high-drain devices will deplete batteries faster.
- **Battery Leakage:**
 - Immediately remove the leaking battery, handling it with gloves.
 - Clean the battery compartment thoroughly.
 - Leakage can occur due to improper storage (stacking), extreme temperatures, or attempting to recharge non-rechargeable batteries.

If issues persist, contact POWEROWL customer service for assistance.

7. SPECIFICATIONS

Detailed technical specifications for POWEROWL LR44 batteries:

Name	LR44 Button Battery
Compatible Models	LR44, CR44, SR44, 357, SR44W, AG13, G13, A76, A-76, PX76, 675, 1166a, LR44H, V13GA, GP76A, L1154, L1154F, RW82B, EPX76, SR44SW, 303, SR44, S303, S357, SP303, SR44SW
Size	11.5mm * 5.2mm (0.45 x 0.2 x 0.2 inches)
Voltage	1.55V
Weight	1.6g (0.056 ounces)

Chemical System	Alkaline
Capacity	130mAh
Shelf Life	3 Years
Manufacturer	Shenzhen Wang Xiong Digital Technology Co., Ltd

Battery Technical Specification



Name: LR44 Button Battery

Compatible model: LR44, CR44, SR44, 357, SR44W, AG13, G13, A76, A-76, Px76, 675, 1166a, LR44H, V13GA, GP76A, L1154, RW82B, EPX76, SR44SW, 303, SR44, S303, S357, SP303, SR44SW

Size: 11.5mm*5.2mm

Voltage: 1.55V

Weight: 1.6g

Chemical System: Alkaline

Shelf life: 3 Years (See the back of the package for the production date)

Capacity: 130mAh

Loading: 1500Ω (20°C)

⚠ WARNING:
STACKING BATTERIES MAY CAUSE THEM TO SWELL OR LEAK
Keep batteries in original package until ready to use.

Figure 8: Detailed technical specifications of the LR44 battery.

8. WARRANTY AND SUPPORT

POWEROWL provides a worry-free 24-month warranty for its LR44 batteries, along with friendly customer service. For support or warranty claims, please contact POWEROWL customer service through their official channels or visit their brand store:
[POWEROWL Official Store on Amazon](#)

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ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question