

Xininyia RM

Xininyia 2-Pin Magnetic Smartwatch Charger (2.8mm Spacing)

MODEL: RM | BRAND: XININYIA

1. Introduction

Thank you for choosing the Xininyia 2-Pin Magnetic Smartwatch Charger. This product is designed to provide a convenient and secure charging solution for your smartwatch. This package includes two magnetic charging cables, one black and one white, each featuring a 2.8mm pin spacing and opposite electrode polarities to ensure compatibility with a wide range of smartwatches. These cables are equipped with short-circuit protection and are ROHS/CE certified for safety and reliability.

Please read this manual thoroughly before use to ensure proper operation and to maximize the lifespan of your charger.

2. Important Safety Information

- Ensure the charging cable is free from damage before each use. Do not use if the cable or connector is frayed or broken.
- Keep the charger away from water and other liquids.
- Use only with compatible USB power sources (e.g., computer USB port, power bank, wall charger with appropriate voltage).
- Do not attempt to disassemble or modify the charger.
- Keep out of reach of children.
- Avoid exposing the charger to extreme temperatures.

3. Product Features

- **Universal Compatibility:** Designed for smartwatches with 2-pin charging points and 2.8mm spacing. The package includes two cables with opposite electrode polarities to ensure a fit for your device.
- **Strong Magnetic Connection:** Features a built-in pure copper probe with strong magnetic

adsorption for stable and secure charging.

- **Short-Circuit Protection:** Incorporates multiple protection mechanisms, including short-circuit, over-voltage, and over-current protection, to prevent battery overheating and damage.
- **Durable Construction:** Made from ABS material and flexible PVC, the cable is tested for over 5000+ bends, ensuring long-lasting use.
- **Portable Design:** Lightweight and compact, making it easy to carry in a travel bag.
- **Eco-Friendly:** Utilizes a high-efficiency conversion circuit and low-power standby mode to reduce energy consumption.

4. Setup

To set up your Xininyia magnetic smartwatch charger, follow these steps:

1. Unpack the two charging cables (one black, one white).
2. Connect the USB-A end of one charging cable to a compatible USB power source. This can be a computer's USB port, a power bank, or a USB wall adapter.
3. Ensure the power source is active and providing power.

Refer to the image below for examples of compatible power sources:



Figure 4.1: Examples of compatible USB power sources for charging.

5. Operation (Charging Your Smartwatch)

The Xininyia charger pack includes two cables with opposite electrode polarities. This is important because smartwatches have specific polarity requirements for charging. Only one of the two cables will correctly charge your device.

Steps for Charging:

1. **Identify Charging Pins:** Locate the 2-pin charging contacts on the back of your smartwatch.
2. **Test First Cable:** Take one of the magnetic charging cables (e.g., the black one) and gently bring its magnetic charging head close to your smartwatch's charging pins.
3. **Observe Connection:**
 - If the magnets repel each other, or if they attach but the watch does not show a charging indicator, this cable has the incorrect polarity for your smartwatch.
 - If the magnets attract and securely connect, and your smartwatch displays a charging indicator, this is the correct cable for your device.
4. **Switch Cables if Necessary:** If the first cable does not work, disconnect it and try the second cable (e.g., the white one). Repeat step 3. One of the two cables is designed to fit your smartwatch's polarity.
5. **Successful Connection:** Once the correct cable is attached, ensure the charging pins are aligned, and the magnet holds the charger securely to the watch. Your smartwatch should begin charging. Charging typically takes 2-3 hours for a full charge.

Visual guide for polarity and charging:

The two charging cables have different magnetic poles,
Note: Only one of the charger in the pack will fit your device.

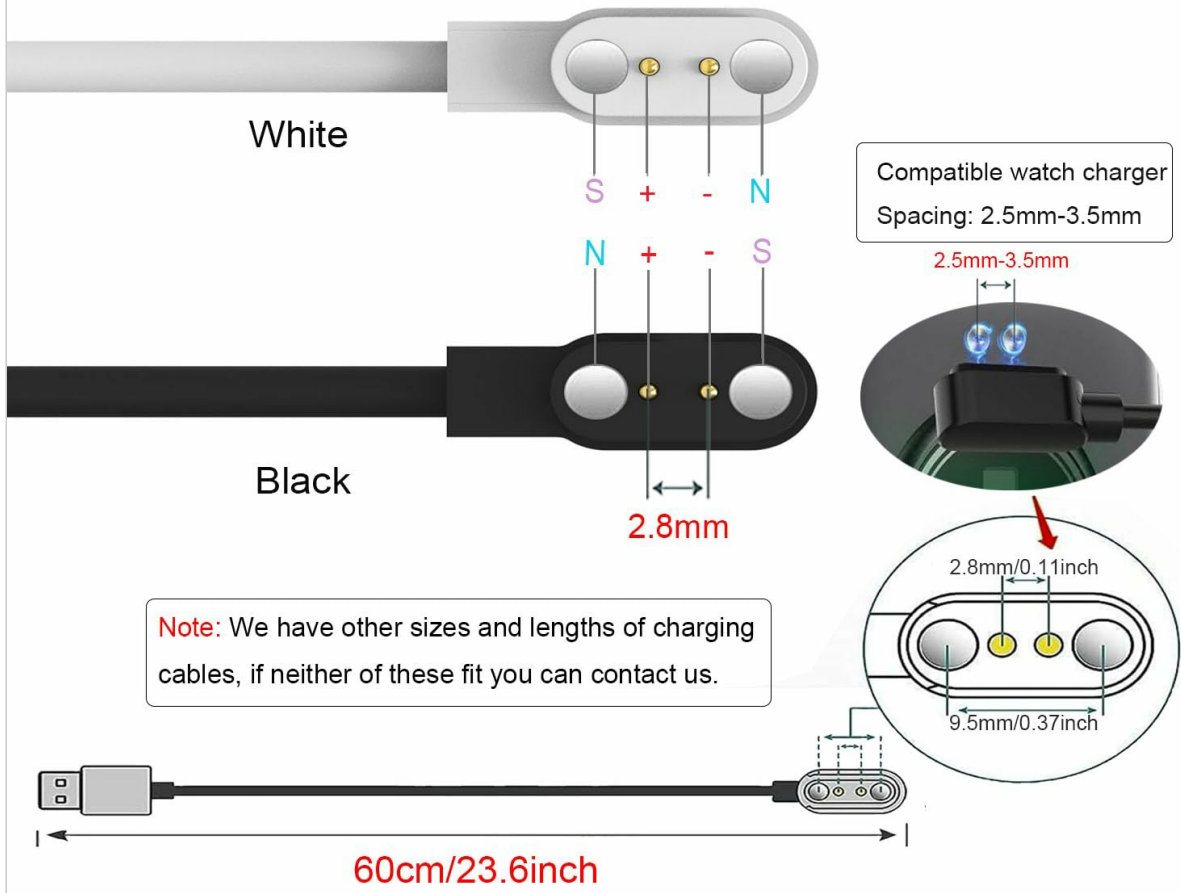


Figure 5.1: Polarity options and 2.8mm pin spacing for compatible smartwatches.

Charging Notes



1. If the charging magnets repel, the watch will not charge.

2. Just need to change directions, align the charging pins and keep the magnet attached to the watch.

3. Successfully connected and charging.

Note: If the magnet(N/S) attaches but doesn't charge, it may be that the poles(+/-) of the charging pin don't match with this charger, please contact us, we have other chargers available!

Figure 5.2: Correct and incorrect charging connections based on magnetic polarity.

For a visual demonstration of the charging cable and its features, please watch the official product video:

Your browser does not support the video tag.

Video 5.1: Official Xininya Magnetic Charging Cable overview, demonstrating its features and usage.

6. Maintenance

- **Cleaning:** Gently wipe the charging contacts and cable with a dry, soft cloth to remove dust or debris. Do not use liquid cleaners.
- **Storage:** Store the cables in a cool, dry place when not in use. Avoid tightly coiling the cable to prevent damage.
- **Inspection:** Periodically inspect the cable for any signs of wear or damage.

7. Troubleshooting

Issue: Smartwatch is not charging when connected.

- **Check Polarity:** The most common reason for non-charging is incorrect magnetic polarity. If the charger head repels your smartwatch or attaches but does not charge, try the other cable provided in

the pack. The two cables have opposite polarities, and one should be compatible with your device.

- **Verify Connection:** Ensure the magnetic charging head is securely attached to the smartwatch's charging pins and that the pins are properly aligned.
- **Power Source:** Confirm that the USB power source is functioning correctly. Try plugging the charger into a different USB port or power adapter.
- **Clean Contacts:** Ensure both the charger's pins and the smartwatch's charging contacts are clean and free of debris.
- **Cable Damage:** Inspect the cable for any visible damage. If damaged, discontinue use.

If you continue to experience issues after following these steps, please contact Xininyia customer support.

8. Specifications

Brand	Xininyia
Model Number	RM
Connector Type	USB Type A
Cable Type	USB
Compatible Devices	Smart Watch
Special Feature	Shock-resistant
Color	Black & White (2.8mm Spacing)
Connector Gender	Male-to-Male
Number of Pins	2
Unit Count	2.0 Count
Cable Length	60cm (23.6 inches)
Item Weight	0.02 Kilograms (0.634 ounces)
Certifications Met	CE, RoHS

Product detail display:

Detail Display

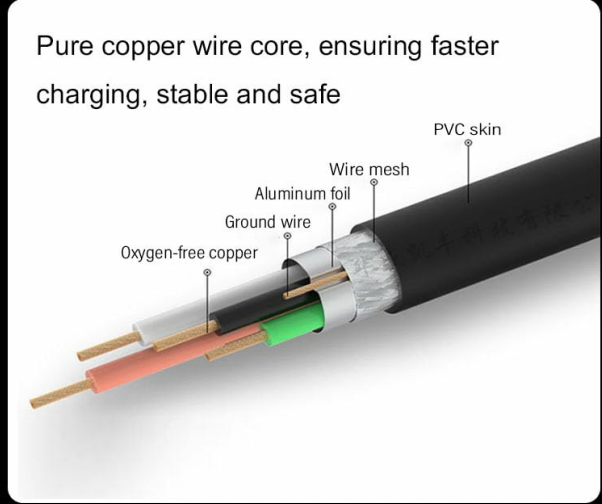
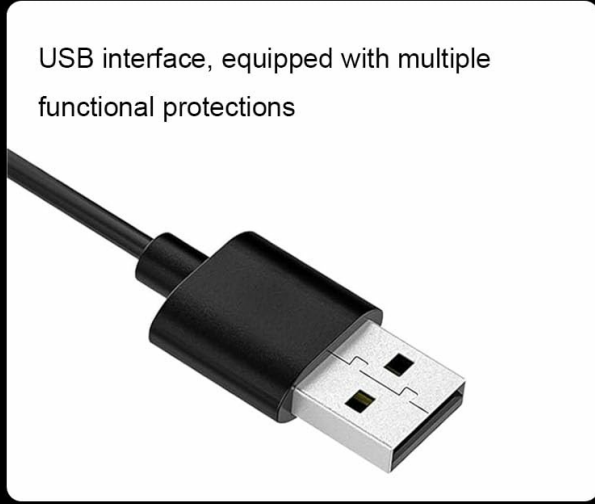
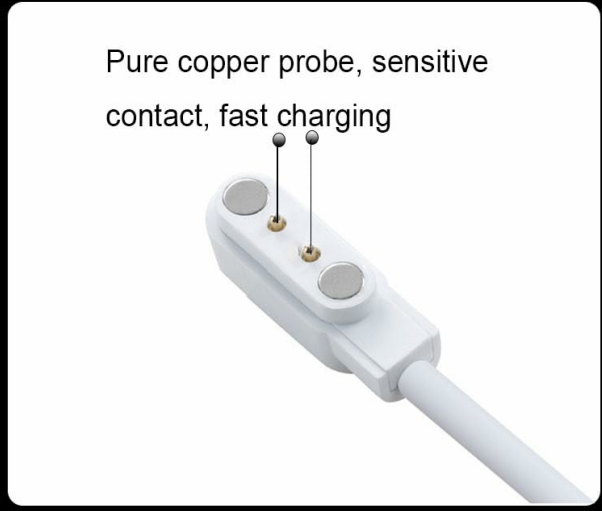


Figure 8.1: Internal and external components of the Xininyia magnetic charger.

Safe and Fast Charging



Build-in Short-circuit protection IC

Don't worry about your watch being burned out due to excessive current



Figure 8.2: Safe and fast charging capabilities with built-in protection.

9. Warranty and Support

For any questions, concerns, or support needs regarding your Xininyia 2-Pin Magnetic Smartwatch Charger, please contact Xininyia customer service. Refer to your purchase documentation or the retailer's website for specific warranty information.