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Aliwisdom 2P-4mm

Aliwisdom Smart Watch Universal Magnetic Charger Instruction Manual

Model: 2P-4mm

1. PRODUCT OVERVIEW

The Aliwisdom Smart Watch Universal Magnetic Charger (Model: 2P-4mm) is a versatile charging solution designed for a wide range of smart devices. It features a 2-pin magnetic suction design with a precise 4mm contact pin spacing, making it compatible with most smartwatches, smart glasses, and fitness trackers that utilize magnetic charging technology.



Image: The Aliwisdom 2-Pin Magnetic Charger, illustrating its magnetic charging head with 4mm pin spacing and the standard USB-A connector.

2. KEY FEATURES

- **Wide Compatibility:** This charger is compatible with most electronic products that use magnetic charging, specifically those with a 4mm ($\pm 0.2\text{mm}$) distance between the two charging contact points. This includes various smartwatches, smart glasses, and fitness trackers.
- **Strong Magnetic Connection:** Equipped with a built-in pure copper probe, this USB charging cable provides solid magnetic power, allowing it to automatically and securely attach to your device for charging. The upgraded magnet enhances efficiency and speed without damaging your smartwatch.
- **Fast and Safe Charging:** With its rapid and steady conduction design, the smart watch magnetic charger can fully charge your device in approximately 2 hours. It incorporates overvoltage and overcurrent protection to ensure a safe charging process, preventing any safety issues for your sports watch.
- **Durable & Portable Design:** Crafted from high-quality ABS material and flexible PVC, this charger cable has undergone rigorous testing, enduring over 5000+ bends. Its lightweight nature and ability to be easily rolled and

stored make it highly convenient for use at home, in the office, or while traveling.

Magnetic & Fast Charge



Image: A smartwatch connected to the magnetic charger, displaying a charging animation and lightning bolts, illustrating the strong magnetic connection and fast charging capability.

3. SETUP AND OPERATING INSTRUCTIONS

1. **Verify Device Compatibility:** Before connecting, accurately measure the distance between the two charging contact points on your smart device. This charger is designed for devices with a 4mm (± 0.2 mm) pin spacing.
2. **Connect to Power Source:** Insert the USB-A end of the charger cable into a suitable power source. This can be a USB port on a personal computer (PC), a laptop, a power bank, or a USB-C power adapter (an appropriate adapter may be required for USB-C ports).
3. **Attach to Smart Device:** Carefully bring the magnetic charging head of the cable close to the charging contacts on your smartwatch, smart glasses, or fitness tracker. The strong magnetic force will automatically align and secure the connection.
4. **Monitor Charging:** Once connected, your device's screen should display a charging indicator. The device will

typically reach a full charge in approximately 2 hours.



Image: A detailed view demonstrating the alignment of the charger's 4mm pins with a smartwatch's charging contacts, emphasizing the importance of correct spacing.



Image: The charger connected to a laptop, showcasing its compatibility with various power sources including PCs, laptops, power banks, and USB-C power adapters.

4. MAINTENANCE AND CARE

- **Cleaning:** To ensure optimal performance and longevity, regularly clean the charging contacts on both the charger and your smart device. Use a dry, soft, lint-free cloth to gently wipe away any dust, dirt, or debris that may accumulate.
- **Storage:** When the charger is not in use, store it in a cool, dry environment, away from direct sunlight, excessive heat, or moisture. The flexible PVC cable is designed to be easily coiled for compact storage, preventing tangles and damage.
- **Handling:** While the cable is durable, avoid subjecting it to extreme bends, sharp kinks, or excessive pulling, especially near the connectors. Proper handling will help maintain the integrity of the internal wiring and extend the product's lifespan.

MULTIPLE CHARGING MODES PLUG & PLAY



PC



Laptop



Power Bank



USB-C power adapter

Image: A detailed view highlighting the robust construction of the charger cable, featuring ABS+PC materials for safety and durability, flexible PVC for easy storage, and pure copper probes for stable conduction.

5. TROUBLESHOOTING

- **Device Not Charging:**

- Ensure the charging contacts on both the charger and your device are clean and free of any obstructions.
- Verify that the magnetic connection between the charger and your device is firm and secure.
- If charging still does not initiate, it is possible that the positive and negative poles of the charging contacts on your electronic device are opposite to the charger's default configuration. In this case, use a small tool to carefully remove the two magnets on the charger's head and swap their positions. The charger should then function correctly.

- **Slow Charging:**

- Confirm that you are using a stable and adequate power source (e.g., a standard USB wall adapter or a powered USB port).
- Check if the USB connector of the cable is fully and securely inserted into the power source.

- **Compatibility Concerns:**

- This charger is specifically designed for devices with a 4mm (± 0.2 mm) pin spacing. If your device has a different contact spacing, this charger will not be compatible.
- If you are uncertain about the correct charger size for your smart wearable device, it is recommended to take a clear photo of your original charger or the charging part of your device and send it to Aliwisdom customer support for expert guidance.

6. PRODUCT SPECIFICATIONS

Brand	Aliwisdom
Model Number	2P-4mm
Connector Type	USB-A
Cable Type	USB
Compatible Devices	Fitness Tracker, Smart Watch, Smart Glasses (with 4mm ± 0.2 mm magnetic pin spacing)
Special Features	Magnetic Charging, Overvoltage Protection, Overcurrent Protection
Cable Length	Approx. 61.2 cm / 2.01 ft
Materials	ABS, Flexible PVC, Pure Copper Probe

7. WARRANTY AND CUSTOMER SUPPORT

For detailed warranty information, please refer to the product packaging or the official Aliwisdom website. If you encounter any issues or have questions regarding your Aliwisdom Universal Magnetic Charger, please contact Aliwisdom customer support. For assistance in determining the correct charger for your specific smart wearable device, you are encouraged to provide a photo of your original charger or the charging part of your device to our support team.

