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AILKIN USB C & A Wall Charger

AILKIN 20W Dual Port USB-C Wall Charger Instruction Manual

Model: USB C & A Wall Charger

1. INTRODUCTION

This manual provides essential information for the safe and efficient use of your AILKIN 20W Dual Port USB-C Wall Charger. Please read these instructions carefully before use and retain them for future reference.

2. PRODUCT OVERVIEW

The AILKIN 20W Dual Port Wall Charger is designed to provide fast and efficient charging for a wide range of electronic devices. It features both a USB-C Power Delivery (PD) port and a Quick Charge 3.0 (QC3.0) USB-A port, allowing for simultaneous charging of two devices.



Image 2.1: The AILKIN 20W Dual Port USB-C Wall Charger, showing both USB-C (PD) and USB-A (QC) ports.

Key Features:

- **Dual Port Design:** Equipped with one USB-C (PD) port and one USB-A (QC3.0) port.
- **20W Power Delivery:** Delivers up to 20W output for rapid charging of compatible devices.
- **Quick Charge 3.0:** Provides efficient charging for devices supporting QC3.0.
- **Universal Compatibility:** Supports a broad range of smartphones, tablets, and other USB-powered devices.
- **Advanced Safety Features:** Built-in protection against over-voltage, over-current, overcharging, short circuits, and overheating.
- **Compact and Portable:** Designed for easy storage and travel.

3. PACKAGE CONTENTS

Upon opening your package, please verify that all items are present and in good condition:

- 3 x AILKIN Dual Port (PD USB-C + QC USB-A) Charger Blocks

4. SETUP

The AILKIN 20W Dual Port Wall Charger is designed for simple plug-and-play operation.

1. **Unpack:** Remove the charger block from its packaging.
2. **Connect Cable:** Obtain a compatible USB charging cable (not included) for your device. Connect one

end of the cable to either the USB-C (PD) port or the USB-A (QC) port on the charger.

3. **Plug into Outlet:** Insert the charger's prongs into a standard wall power outlet (100-240V AC).
4. **Connect Device:** Connect the other end of the USB charging cable to your electronic device. Charging will begin automatically.



Image 4.1: Illustration of the charger plugged into a wall outlet, with a device connected and charging.

5. OPERATING INSTRUCTIONS

To ensure optimal performance and safety, follow these operating guidelines:

- **Single Device Charging:** For fastest charging, connect a single device to either the USB-C (PD) port or the USB-A (QC3.0) port using a compatible cable.
- **Dual Device Charging:** You can charge two devices simultaneously. The charger intelligently distributes power to safely charge both devices at their optimal speed.
- **Cable Compatibility:** Always use high-quality, certified charging cables that are compatible with your device and the charger's ports (USB-C to USB-C, USB-C to Lightning, USB-A to USB-C, etc.).
- **Charging Status:** Charging begins automatically when a device is connected. The charger will automatically stop charging when the device's battery is full to prevent overcharging.

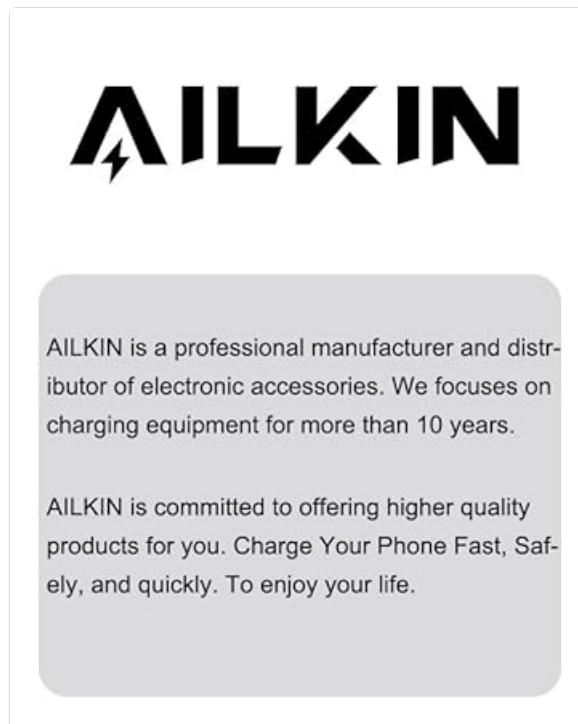


Image 5.1: The charger providing fast charging to an iPhone via its USB-C PD port, indicating up to 20W power delivery.



Image 5.2: The charger providing high-speed charging to a Samsung phone via its USB-A QC3.0 port.

6. SAFETY INFORMATION

Your AILKIN charger incorporates multiple safety features. Adhere to the following guidelines to ensure safe operation:

- Do not expose the charger to liquids, moisture, or extreme temperatures.
- Avoid dropping or subjecting the charger to strong impacts.
- Do not attempt to disassemble, repair, or modify the charger.
- Ensure the charger is used in a well-ventilated area.
- Unplug the charger from the wall outlet when not in use or during electrical storms.
- Keep out of reach of children.

Integrated Protections:

Multiple Protection

Not Only FAST, But Also SAFE

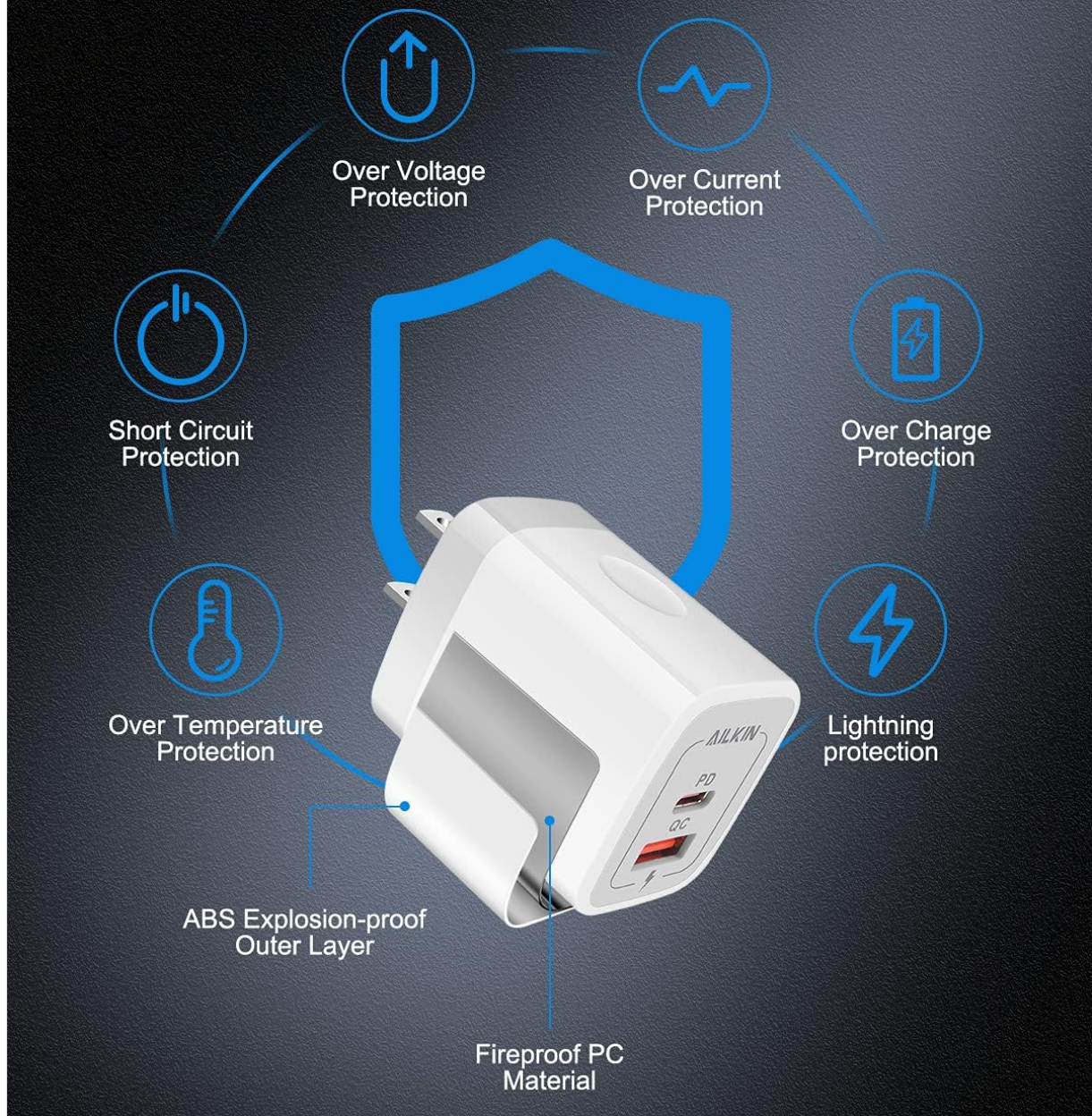


Image 6.1: Visual representation of the charger's multiple protection features, including over-voltage, over-current, overcharge, short circuit, and over-temperature protection.

- **Over Voltage Protection:** Safeguards against excessive voltage input.
- **Over Current Protection:** Prevents damage from excessive current flow.
- **Overcharge Protection:** Automatically stops charging when the battery is full.
- **Short Circuit Protection:** Protects against electrical shorts.
- **Over Temperature Protection:** Manages internal temperature to prevent overheating.

7. MAINTENANCE

The AILKIN charger requires minimal maintenance. Follow these simple steps to keep it in optimal

condition:

- **Cleaning:** Disconnect the charger from the power outlet before cleaning. Use a soft, dry cloth to wipe the surface. Do not use liquid cleaners or aerosols.
- **Storage:** Store the charger in a cool, dry place away from direct sunlight and extreme temperatures.
- **Inspection:** Periodically inspect the charger for any signs of damage, such as cracked casing or bent prongs. If damage is found, discontinue use and contact customer support.

8. TROUBLESHOOTING

If you encounter issues with your charger, refer to the following common problems and solutions:

- **Device not charging:**
 - Ensure the charger is securely plugged into a working wall outlet.
 - Verify that the charging cable is properly connected to both the charger and your device.
 - Try using a different charging cable to rule out a faulty cable.
 - Test the charger with a different device to confirm charger functionality.
 - Ensure your device is compatible with the charger's output specifications.
- **Slow charging:**
 - Confirm that your device and cable support fast charging (Power Delivery or Quick Charge).
 - If charging two devices simultaneously, the power output per port may be reduced. Try charging one device at a time for maximum speed.
 - Ensure the cable used is capable of handling fast charging speeds.
- **Charger feels warm:**
 - It is normal for the charger to become slightly warm during operation, especially during fast charging.
 - If the charger becomes excessively hot, disconnect it immediately and allow it to cool down. Ensure it is used in a well-ventilated area. If the issue persists, discontinue use.

9. SPECIFICATIONS

Feature	Specification
Model Number	USB C & A Wall Charger
Input Voltage	120 Volts (AC 100-240V compatible)
Total USB Ports	2 (1x USB-C PD, 1x USB-A QC3.0)
Max Output Power	20 Watts
Amperage	7.2 Amps (Max combined)
Product Dimensions	3.94 x 3.94 x 3.94 inches
Item Weight	0.352 ounces
Connector Type	USB Type C, USB Type A
Material	ABS + PC fireproof material

Easyto Store

Compact, lightweight, portable, stylish and perfect for travel



Image 9.1: Dimensions of the AILKIN charger, highlighting its compact and portable design.

10. COMPATIBILITY

The AILKIN 20W Dual Port Wall Charger is widely compatible with a variety of devices, including but not limited to:

Apple Devices:

- **iPhones:** iPhone 17/Air/17 Pro Max/17 Pro/16e/16/16 Plus/16 Pro/16 Pro Max/15/15 Pro/15 Pro Max/15 Plus/14/14 Pro/14 Pro Max/14 Plus, iPhone 13 Pro Max/13 Pro/13/13 mini, 12 Pro Max/12 Pro/12 mini/12/SE(2022)(2020), 11 Pro Max/11 Pro/11/XS Max/XS/XR/X, iPhone 8 Plus/8/7 Plus/7/6 Plus/6s/6/5s/5c/5.

- **iPads:** iPad mini (2021), iPad Pro 12.9 (2022)(2021), iPad Pro 11 (2022)(2021), iPad Air (2022), iPad Air (2020), iPad Pro 12.9 (2020), iPad Pro 11 (2020), iPad Pro 12.9 (2018), iPad Pro 11 (2018), iPad 10.2 (2021), iPad 10.2 (2020), iPad 10.2 (2019), iPad 9.7 (2018), iPad 9.7 (2017).

Samsung Galaxy Devices:

- **S Series:** S25, S25+, S25 Ultra, S24, S24+, S24 Ultra, S23 FE, S23, S23+, S23 Ultra, S22 5G, S22+ 5G, S22 Ultra 5G, S21 FE 5G, S21 Ultra, S21 Plus, S21, S20 FE, S20 FE 5G, S20 5G UW, Quantum 2, Xcover 5.
- **Note Series:** Note 20, Note 20 Ultra, Note 10 Lite, Note 10, Note 10+, Note 9, Note 7.
- **A Series:** A16, A25, A15, A05, A24 5G, A54, A34, A14, A14 5G, A13, A23, A03s, A13 5G, A7 Lite, A12 (India), A12 Nacho, A22, A22 5G, A32, A32 5G, A52, A52 5G, A52s 5G, A72.
- **F/Z/M Series:** F02s, F12, F22, F42 5G, F52 5G, F62, Z Flip4, Z Fold4, Z Flip3 5G, Z Fold3 5G, M12, M12 (India), M21 2021, M21 2021 Edition, M22, M32, M32 5G, M42 5G, M52 5G, M62.
- **Tablets:** Tab S6 Lite (2022), Tab S8 Ultra, Tab S8+, Tab S8, Tab A 10.1 and more Series.

Other Compatible Devices:

- **Google Pixel:** Pixel 10, 10 Pro Fold, 10 Pro XL, 10 Pro, 9a, 9 Pro XL, 9 Pro Fold, 9 Pro, 9, 8a, 8, 8 Pro, 7a, 7, 7 Pro, 6a, 6, 6 Pro, 5, 5a 5G, 4a 5G, 4a, 4, 4 XL, 3a, 3, 3 XL, 3a XL, 2, 2 XL.
- **OnePlus:** 10T, Ace, Nord CE 2 Lite 5G, Nord N20 5G, 10R, 10 Pro, 9, 9R, 9RT 5G, 9 Pro, 8, 8T, Nord CE 2 5G, Nord CE 5G, Nord 2 5G, Nord N10 5G, Nord N100, Nord N200 5G.
- **Motorola:** Moto Razr+, G Stylus, Moto G, Moto G Power 5G, Edge+, Edge 40, Edge 40 Pro, Defy 2, G82, Moto E32, Moto G Stylus(2022), Moto Tab G70, Moto G71 5G, G41, G40 Fusion G31, G Power, G51, G51 5G, G50 5G, G60s, G20, G100, E30, E40, E20, E7i Power, E7 Power, Edge S30, X30, G200 5G, Edge (2021), 20 Fusion, 20 Pro, 20, 20 Lite, One 5G UW ace, Nexus 6P 5X, Defy (2021), G Pure, Tab G20.
- **LG:** K92 5G, K71, K62, K61, K52, K 51s, K42, K41s, Q92 5G, Q61, Q52, Q51, G5, G6, G7 fit, G7 ONE, G8 ThinQ, Velvet 5G, V60 ThinQ 5G, V60 ThinQ 5G UW, Velvet 5G UW, Velvet, V50, V40, V30, V20, Wing 5G, Stylo 6, Stylo 5, Stylo 4, Stylo 3, Stylo 2, W41, W41 Pro, W41+, W11, W31, W31+.
- **Other:** HTC, Sony, Kindle Fire, PS5, MP3 Players, Smart-phones, E-book Readers, Bluetooth Speakers, Nook Hd+, Cameras, Headphones, Speakers, Tablets.

Widely Compatibility

iPhone and iPad



iPhone 12/12 Mini/
12 Pro/12 Pro Max



iPhone 11/11 Mini/
11 Pro/11 Pro Max



iPhone XS/XS Max
iPhone XR



iPhone XS/XS Max
iPhone XR



iPhone 8
iPhone 8 Plus



iPad mini/ Air/
iPad Pro

Other Phones



Samsung Note 8
Mobile Accessories



Samsung S21/S20
Mobile Accessories



HUAWEI



XIAOMI

Mobile Accessories



Airpod Max



AirPods



Apple Watch

Or others

Image 10.1: Visual guide to the wide compatibility of the AILKIN charger with different brands and types of mobile devices and accessories.

11. WARRANTY AND SUPPORT

AILKIN is committed to providing high-quality products and customer satisfaction.

- **Warranty:** Your AILKIN Dual Port Wall Charger comes with a worry-free 1-year warranty from the date of purchase.
- **Customer Service:** For any questions, concerns, or support needs, please contact our 24/7 friendly customer service. Refer to your purchase documentation or the AILKIN official website for contact details.

