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AINOPE H78

AINOPE 67.5W Dual Port USB C Car Charger Instruction Manual

Model: H78 | Brand: AINOPE

1. INTRODUCTION AND OVERVIEW

The AINOPE 67.5W Dual Port USB C Car Charger (Model H78) is designed to provide efficient and fast charging for a wide range of electronic devices in your vehicle. Featuring both Power Delivery (PD) 45W USB-C and Quick Charge (QC) 22.5W USB-A ports, this compact and durable charger ensures your devices remain powered during your travels. It includes a 60W USB C-to-C cable for immediate use.



Image: The AINOPE car charger in use, highlighting its role as a travel companion.

2. PRODUCT FEATURES

- PD 45W Fast Charging:** Provides up to 45W Power Delivery for rapid charging of compatible devices, including iPhone 17 Pro Max, Samsung S25, MacBooks, and iPads.
- QC 22.5W Quick Charge:** The USB-A port delivers up to 22.5W, capable of charging phones to 80% in approximately 35 minutes.
- Dual-Channel Design:** Both ports can operate simultaneously without power loss, ensuring efficient charging for two devices at once.

- **Included 60W USB C-C Cable:** A durable 3.3 ft nylon braided USB C to C cable is provided, supporting up to 60W output.
- **Advanced Heat Control:** Features ISEM 4.0 superconductor technology for minimal heat generation and stable charging performance.
- **Certified Safety:** Recognized by official USB-IF and Qualcomm, passing over 16 tests for safe and reliable power delivery.
- **Compact All-Metal Body:** A thumb-sized design that fits snugly in most cigarette lighters, saving space and offering a comfortable aesthetic.

Max Fast Charging for iPhone 17 Series



Charge Up to **80%** in **30 mins**

Compare with **20W Car Charger USB C**

Charging Speed	Battery Life	Charging Safety
200 ↑ %	45 ↑ %	120 ↑ %
Charging Speed	Battery Life	Charging Safety

Image: Visual representation of the charger's fast charging capabilities and dual port output.

2026 Upgraded Model: Premium Zinc Alloy Shell



Image: Detail of the charger's premium zinc alloy shell, emphasizing durability and safety features.

Your browser does not support the video tag.

Video: AINOPE Mini and Fast Car Charger. This video demonstrates the compact size and fast charging capabilities of the AINOPE car charger.

3. SETUP AND INSTALLATION

- Locate Vehicle's Cigarette Lighter Socket:** Identify the 12V cigarette lighter socket in your car, SUV, or truck.
- Insert Car Charger:** Firmly insert the AINOPE 67.5W Car Charger into the 12V socket. The compact design ensures a snug fit without obstructing other controls.

3. **Connect Charging Cable:** Plug one end of the included 60W USB C-to-C cable (or your own compatible cable) into the desired port on the car charger (USB-C or USB-A).
4. **Connect to Device:** Plug the other end of the charging cable into your electronic device (smartphone, tablet, laptop, etc.).



Image: Demonstrates the compact size and easy installation of the AINOPE car charger into a vehicle's power outlet.

4. OPERATING INSTRUCTIONS

Once installed, the AINOPE car charger is ready to use. It automatically detects the connected device and delivers the optimal charging current. The charger features two ports for simultaneous charging:

- **USB-C (PD 45W Max):** Ideal for fast charging high-power devices such as laptops (MacBook, Dell, Lenovo, Samsung), tablets (iPad Pro, iPad Air), and compatible smartphones (iPhone 17/16/15 series, Samsung Galaxy S25/S24/S23 series, Google Pixel).
- **USB-A (QC 22.5W Max):** Suitable for quick charging a wide range of smartphones and other USB-A powered devices.

For optimal fast charging, ensure your device and charging cable support the respective Power Delivery (PD) or Quick Charge (QC) protocols.



Image: Demonstrates fast charging for iPhone 17 Pro using the PD45W port.



Image: Illustrates the capability of charging two devices at high speed simultaneously.

5. SPECIFICATIONS

Feature	Detail
Product Dimensions	1.8 x 0.8 x 1 inches
Item Weight	0.176 ounces
Item Model Number	H78
Brand	AINOPE
Connector Type	USB Type A, USB Type C
Input Voltage	24 Volts

Amperage	3 Amps
Total USB Ports	2
Special Features	Braided Cable, Fast Charging, Lightweight Design, Short Circuit Protection
Included Components	60W USB C to USB C Cable, 67.5W USB C Car Charger

6. MAINTENANCE

To ensure the longevity and optimal performance of your AINOPE car charger, follow these maintenance guidelines:

- **Cleaning:** Periodically wipe the charger with a dry, soft cloth to remove dust and debris. Avoid using liquid cleaners or abrasive materials.
- **Storage:** When not in use for extended periods, store the charger in a cool, dry place away from direct sunlight and extreme temperatures.
- **Cable Care:** Avoid sharp bends or excessive pulling on the charging cable to prevent internal damage. Use the included Velcro strap to keep the cable neatly organized.
- **Environmental Conditions:** While tested for use in freezing weather, avoid exposing the charger to extreme heat or moisture to prevent damage.

7. TROUBLESHOOTING

If you encounter issues with your AINOPE car charger, refer to the following common troubleshooting steps:

- **Charger Not Powering On:**
 - Ensure the car charger is fully inserted into the 12V cigarette lighter socket.
 - Check if the vehicle's 12V socket is functional (e.g., by testing with another device).
 - Verify that the vehicle's ignition is on, as some sockets only receive power when the engine is running.
- **Device Not Charging or Charging Slowly:**
 - Ensure the charging cable is securely connected to both the charger and your device.
 - Try using a different charging cable to rule out a faulty cable.
 - Test with a different device to confirm the charger's functionality.
 - For fast charging, ensure both your device and cable support Power Delivery (PD) or Quick Charge (QC).
 - If charging two devices, note that total power is shared, which might slightly reduce individual charging speeds compared to single-device charging.
- **Overheating:**
 - While the charger has advanced heat control, prolonged use in extreme conditions or with incompatible devices may cause it to warm up. Disconnect devices and allow the charger to cool down.
 - Ensure proper ventilation around the charger.

8. WARRANTY AND SUPPORT

AINOPE is committed to providing high-quality products and excellent customer service. Your AINOPE 67.5W Car Charger comes with:

- **Lifetime Friendly Customer Service:** Dedicated support for any product-related inquiries.
- **30-Day Returns and Exchanges:** Hassle-free options for returns or exchanges within 30 days of purchase.
- **24-Hour Professional Support:** Access to professional assistance for prompt resolution of any issues.

For any questions or support, please contact the AINOPE-authorized store where you purchased the product. We are dedicated to providing a satisfying solution.