

AOHI AOC-C005

AOHI Magcube 100W 2-Port USB C Charger GaN+ User Manual

Model: AOC-C005

1. INTRODUCTION

Thank you for choosing the AOHI Magcube 100W 2-Port USB C Charger. This compact and powerful charger utilizes advanced GaN+ technology to deliver efficient and safe charging for a wide range of devices, including laptops, tablets, and smartphones. This manual provides essential information for proper setup, operation, and maintenance of your charger.



Image: The AOHI Magcube 100W 2-Port USB C Charger, a compact black device with two USB-C ports.

2. PRODUCT FEATURES

- **100W Power Delivery:** Supports up to 100W PD fast charging from a single port, capable of charging a MacBook Pro 16" from 0% to 45% in approximately 30 minutes.
- **Dual USB-C Ports:** Equipped with two USB-C ports for simultaneous charging of two devices with intelligent power allocation.
- **Advanced GaN+ Technology:** Ensures a smaller size, higher efficiency, less heat generation, and safer operation.
- **Compact Design & Foldable Prongs:** Ultra-compact (2.36 x 2.36 x 1.26 inches) and lightweight (0.44lb) with foldable prongs for enhanced portability.
- **4ft USB C to USB C LED Display Cable:** Includes a 4ft 100W USB C cable with an E-Marker chipset and a digital LED display to monitor real-time power and charging speed.
- **Multiple Safety Protections:** Built-in safeguards against over-current, over-voltage, over-heating, and short-circuiting.

Compact Design with 90° Foldable Plug

Easy to Carry, Perfect for Travel

Smaller
40%



Compared with Original
96W USB C Charger



90°
Foldable Plug

Image: The AOHI Magcube 100W charger demonstrating its compact size and foldable prongs for easy travel.

3. SPECIFICATIONS

Feature	Detail
Model Number	AOC-C005
Product Dimensions	2.36 x 2.4 x 1.26 inches
Item Weight	7.1 ounces

Input Voltage	110 Volts
Amperage	3 Amps
Total USB Ports	2 (USB Type C)
Special Features	100W Max, Charging Indicator, Fast Charging, Foldable Plug, Lightweight Design
Included Components	1 x 4ft USB C to USB C LED display cable

4. SETUP AND CONNECTION

1. **Unfold Prongs:** Gently unfold the AC prongs from the charger body.
2. **Plug into Outlet:** Insert the charger into a standard 110V AC wall outlet. The LED indicator on the charger will illuminate.
3. **Connect Cable:** Use the included 4ft USB C to USB C LED display cable, or another compatible USB-C cable, to connect your device to one of the charger's USB-C ports.
4. **Begin Charging:** Once connected, your device should begin charging. The LED display on the cable will show the real-time wattage being delivered.

100W GaN+ PD Fast Charger



Type C1
or
Type C2

↓
100W
USB C Output



Image: The AOHI 100W charger plugged into a wall outlet, with a USB-C cable connected to a MacBook Pro, illustrating single-port charging.

5. OPERATING INSTRUCTIONS

5.1 Single Port Charging

When only one device is connected to either USB-C port, the charger can deliver up to 100W of power, depending on your device's power requirements and the cable's capabilities. The LED display on the cable will show the current wattage.

5.2 Dual Port Charging

When two devices are connected simultaneously, the charger's intelligent power allocation technology will distribute the 100W total output optimally between the two ports. For example, it can provide 65W to a laptop and 30W to a smartphone concurrently.



Image: The AOHI 100W charger plugged into a wall outlet, simultaneously charging a laptop at 65W and a smartphone at 20W.

5.3 LED Indicator on Charger

- **Yellow (Breathing Light):** Indicates Fast Charging Mode (Power Delivery).
- **Blue (Solid Light):** Indicates Standard Charging Mode.
- **Green (Solid Light):** Indicates Trickle Charging Mode (device is nearly full or fully charged).



Image: A visual representation of the AOHI 100W charger's LED indicator lights for Fast Charging (Yellow), Standard Charging (Blue), and Trickle Charging (Green).

5.4 LED Display on Cable

The included USB-C cable features a digital LED display that shows the real-time wattage being drawn by your device. This allows you to confirm that your device is receiving optimal power.

Real-time Power Digital Display

Monitor the charging speed directly



Image: A close-up of the AOHI USB-C cable connector showing its integrated digital display indicating real-time wattage during charging.

6. COMPATIBILITY

The AOHI 100W USB C power adapter supports PD 18W/30W/45W/60W/65W/87W/97W/100W and is compatible with a wide range of devices, including but not limited to:

- **Laptops:** MacBook Pro/Air, XPS, ThinkPad, MateBook, and other USB-C laptops.
- **Tablets:** iPad Pro/Air/Mini.
- **Smartphones:** iPhone 15/14/13/12 series, Galaxy S21/S20/S10, Note 20/10+, Pixel 3XL/3/2XL.

- **Other Devices:** Nintendo Switch, smartwatches, and more USB-C enabled devices.

Advanced GaN+ Tech



Smaller Size



Higher Efficiency



Less Heat



Safer Use



Image: A chart illustrating the wide compatibility of the AOHI 100W charger with various devices and their respective charging wattages.

7. MAINTENANCE AND CARE

- Keep the charger and cable dry. Do not expose to moisture or extreme temperatures.
- Clean the charger with a soft, dry cloth. Avoid using harsh chemicals or abrasive materials.
- Store the charger in a cool, dry place when not in use.
- Avoid dropping or subjecting the charger to strong impacts.

- Ensure the foldable prongs are fully extended when plugging into an outlet and fully retracted when storing to prevent damage.

8. TROUBLESHOOTING

- **Device not charging:**
 - Ensure the charger is securely plugged into a working wall outlet.
 - Verify that the USB-C cable is properly connected to both the charger and your device.
 - Try using a different USB-C cable or a different port on the charger.
 - Check if your device is compatible with USB Power Delivery (PD) charging.
- **Slow charging:**
 - Ensure your device and cable support fast charging protocols (e.g., PD 3.0).
 - If charging two devices, the power is allocated. Disconnect one device to see if the other charges faster.
 - Check the LED display on the cable to confirm the wattage being delivered.
- **Charger getting hot:**
 - It is normal for the charger to become warm during operation, especially during high-power charging.
 - If it becomes excessively hot, disconnect it immediately and contact support.
 - Ensure adequate ventilation around the charger.

9. OFFICIAL PRODUCT VIDEOS

AOHI 100W 2-Port USB C Charger GaN+ with 4ft USB C to USB C LED Display Cable

Your browser does not support the video tag.

Video: An official product video from AOHI showcasing the features and benefits of the 100W 2-Port USB C Charger with the LED display cable.

Aohi MagCube 100W GaN+ Charger and USB-C Review

Your browser does not support the video tag.

Video: A review of the Aohi MagCube 100W GaN+ Charger and USB-C cable, highlighting its performance and design.

10. WARRANTY AND SUPPORT

The AOHI Magcube 100W 2-Port USB C Charger comes with a standard manufacturer's warranty. Please refer to the included user manual for specific warranty terms and conditions. For technical support, product inquiries, or warranty claims, please contact AOHI customer service through their official website or the retailer where the product was purchased.

The product is eligible for an 18-month replacement policy, as indicated by customer reviews. For more information, visit the [AOHI Store on Amazon](#).