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> AOHI Magcube 120W Pro 4-Port Desktop Charger User Manual

AOHI AOC-C006

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Model: AOC-C006

INTRODUCTION

The AOHI Magcube 120W Pro is a compact and powerful 4-port desktop USB charging station designed for efficient charging of multiple devices simultaneously. Featuring GaN+ technology, it offers high energy efficiency and improved heat dissipation in a small form factor. This charger includes two USB-C Power Delivery (PD) ports and two USB-A ports, intelligently allocating power to connected devices for optimal charging speeds. It is suitable for a wide range of devices, from laptops and tablets to smartphones and other USB-powered accessories.

PACKAGE CONTENTS

Verify that all items are present in your package:

- 1 x AOHI Magcube 120W Pro 4-Port Desktop USB Charging Station
- 1 x 4.9ft AC Extension Cord



Image: Contents of the AOHI Magcube 120W Pro package.

PRODUCT OVERVIEW

The AOHI Magcube 120W Pro features a compact design with multiple charging ports and an LED indicator for charging status.



Image: AOHI Magcube 120W Pro desktop charger in use.



Image: Compact and portable design of the charger.

Video: An overview of the AOHI Magcube 120W Pro 4-Port Desktop Charger, showcasing its features and physical design.

SETUP INSTRUCTIONS

1. **Connect the AC Extension Cord:** Insert the two-prong end of the provided AC extension cord into the power input port located on the side of the AOHI Magcube 120W Pro charger.
2. **Plug into Power Outlet:** Connect the standard wall plug end of the AC extension cord into a functional wall

power outlet (100-240V~ 50/60Hz).

3. **Connect Your Devices:** Use appropriate charging cables to connect your devices to the available USB-C (PD) or USB-A ports on the charger. The charger will automatically detect and begin charging your devices.



Image: The compact design helps organize your charging setup.

OPERATING INSTRUCTIONS

Intelligent Power Allocation

The AOHI Magcube 120W Pro features intelligent power allocation technology. This system automatically detects the connected devices and distributes the optimal power to each port for maximum charging efficiency. The total maximum output is 120W.

Intelligent Power Allocation ⚡

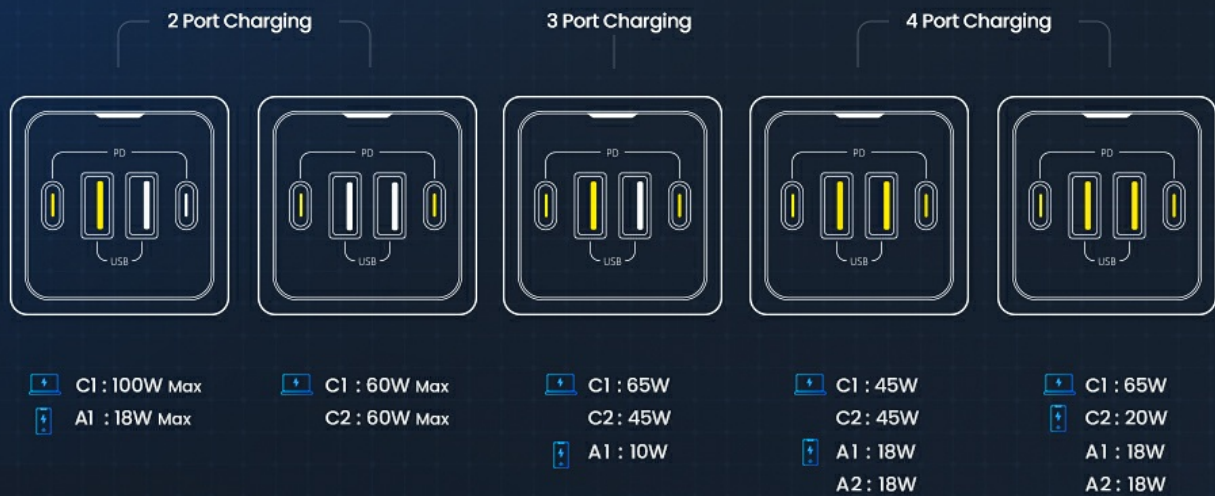


Image: Intelligent Power Allocation diagram.

Charging Capabilities

- **USB-C Ports (PD):** Each USB-C port can deliver up to 100W when used individually. When both USB-C ports are used simultaneously, they can provide up to 60W each, suitable for charging two MacBook Pros 13" at high speed.
- **USB-A Ports:** Each USB-A port can deliver up to 18W.

LED Charging Indicator

The charger is equipped with an LED indicator that displays the current charging status:

- **Yellow:** Indicates Fast Charging mode.
- **Blue:** Indicates Standard Charging mode.
- **Green:** Indicates Trickle Charging mode (for maintaining charge).



Image: LED Charging Indicator states.

UNIVERSAL COMPATIBILITY

The AOHI Magcube 120W Pro is compatible with a wide range of USB-C and USB-A powered devices:

- **USB-C Port Compatible Devices:** MacBook Pro/Air, iPad Pro/Air/Mini, XPS, ThinkPad, MateBook, iPhone 8 to iPhone 15 series, Galaxy S22/S21/S20/S10/Note20/Note10 series, Pixel 2/3/4/4a/5, Nintendo Switch, and more.
- **USB-A Port Compatible Devices:** iPhone 7 and earlier, Galaxy S10/S9/Note10 series, AirPods, Smartwatches, Bluetooth Speakers, and more.



Image: Universal Compatibility overview.

MAINTENANCE

- Keep the charger clean and dry. Use a soft, dry cloth to wipe the surface.
- Avoid exposing the charger to extreme temperatures, direct sunlight, or humid environments.
- Do not attempt to disassemble or modify the charger, as this will void the warranty and may cause damage or injury.
- Store the charger in a cool, dry place when not in use.

TROUBLESHOOTING

Safety Features

The AOHI Magcube 120W Pro incorporates comprehensive safety protections, including over-current, over-voltage, overcharge, short-circuit, and over-temperature protection, to ensure the safety of both the charger and your devices.



Image: Comprehensive Safety Protection features.

Common Issues and Solutions

- **Device Not Charging:**

- Ensure the AC extension cord is securely connected to both the charger and the wall outlet.
- Try using a different charging cable or port to rule out cable or port issues.
- Verify that the wall outlet is functional by plugging in another device.

- **Slow Charging Speed:**

- Confirm that your device and cable support fast charging protocols (e.g., Power Delivery for USB-C).
- The charger intelligently allocates power. If multiple high-power devices are connected, the power distribution to each device may be adjusted. Disconnect less critical devices to prioritize charging for specific items.
- Check the LED indicator for the charging mode (Yellow for Fast Charging).

- **Charger Overheating:**

- While GaN+ technology helps with heat dissipation, some warmth during operation is normal.
- If the charger feels excessively hot, disconnect all devices and the power cord, and allow it to cool down in a well-ventilated area.
- Ensure the charger is not covered or placed in an enclosed space that restricts airflow.

SPECIFICATIONS

Model	AOC-C006
Input	100-240V~ 50/60Hz 3.5A Max
PD Output (USB-C)	5V=3A, 9V=3A, 12V=3A, 15V=3A, 20V=5A PPS 3.3-21V=5A (100W Max Each Port)
USB Output (USB-A)	5V=3A, 9V=2A, 12V=1.5A (18W Max Each Port)
Total Output	120W Max
Dimensions	3.35 x 1.77 x 1.77 inches (45 x 45 x 85mm)

Item Weight	13.4 ounces (380g)
Connector Type	USB Type C
Special Features	Fast Charging, LED Charging Indicator, Short Circuit Protection, Travel

WARRANTY & SUPPORT

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

- **Warranty:** This product comes with an 18-month hassle-free warranty from the date of purchase.
- **Returns & Replacements:** Enjoy a 30-day refund and 18-month replacement policy for eligible issues.
- **Customer Support:** For any questions, concerns, or technical assistance, please contact our 24/7 professional online support. Refer to the product packaging or the official AOHI website for contact details.