

Aergiatech AT-006-5A5C

Aergiatech 10-Port 120W USB C Charging Station Instruction Manual

Model: AT-006-5A5C

INTRODUCTION

This manual provides essential information for the safe and efficient operation of your Aergiatech 10-Port 120W USB C Charging Station. Please read these instructions carefully before using the device and retain them for future reference.

The Aergiatech 10-Port 120W USB C Charging Station is designed to provide a centralized charging solution for multiple electronic devices. It features a total of 10 ports, including 5 USB-C and 5 USB-A ports, with a combined power output of 120W, making it suitable for various devices such as smartphones, tablets, and other USB-powered gadgets.

PRODUCT FEATURES

- **10 Charging Ports:** Equipped with 5 USB-C ports and 5 USB-A ports for simultaneous charging of multiple devices.
- **High Power Output:** Delivers a maximum total output of 120W.
- **Fast Charging Support:** Includes one 20W Power Delivery (PD) USB-C port and one 18W Quick Charge 3.0 (QC 3.0) port.
- **Smart Charging Technology:** Automatically detects and delivers optimal current for connected devices, maximizing charging speed and energy efficiency.
- **Wide Voltage Input:** Supports AC 100-240V, suitable for international travel.
- **Multiple Safety Protections:** Features overvoltage, short circuit, overheat, and overcurrent protection.
- **Compact Design:** Portable form factor for easy transport and desktop organization.

120W OUTPUT DISTRIBUTION MAP



Figure 1: 120W Output Distribution Map. This diagram illustrates the power distribution across the various ports, including PD 20W, QC 3.0 18W, and standard USB-C (12W) and USB-A (10W) outputs. It also shows the included 5ft power cable with US and EU plug options.

MULTIPLE PROTECTION



Overvoltage
Protection



Short Circuit
Protection



Overheat
Protection



Overcurrent
Protection



Figure 2: Multiple Protection Features. An internal view highlighting the GaN technology and integrated safety mechanisms such as overvoltage, short circuit, overheat, and overcurrent protection, ensuring safe charging.

PACKAGE CONTENTS

Verify that all items are present in the package:

- 1x Aergiatech 120W 10-port USB C Charger Station
- 1x 5ft / 1.5m Detachable Power Cord (with US and European Plugs)

SETUP INSTRUCTIONS

1. **Unpack the Device:** Carefully remove the charging station and all accessories from the packaging.
2. **Select Power Cord:** Choose the appropriate power cord (US or European plug) for your region.
3. **Connect Power Cord:** Insert the detachable power cord firmly into the AC input port on the back of the charging station.
4. **Connect to Power Outlet:** Plug the other end of the power cord into a standard wall outlet (AC 100-240V). The power indicator light on the charging station will illuminate, indicating it is ready for use.
5. **Placement:** Place the charging station on a stable, flat surface, away from heat sources and direct sunlight.

10-PORT USB CHARGING STATION



Total 120W

Features with 5 USB-C ports, 5 USB-A universal charging ports.
Achieve simultaneous charging of smart devices within one house.

Figure 3: 10-Port USB Charging Station. A clear view of the charging station's front panel, showing the arrangement of its 5 USB-C and 5 USB-A ports, ready for device connection.

OPERATING INSTRUCTIONS

1. **Connect Devices:** Use appropriate USB charging cables to connect your devices to the available USB-C or USB-A ports on the charging station.
2. **Optimal Port Selection:** For faster charging, connect compatible devices to the 20W PD USB-C port or the 18W

QC 3.0 USB-A port. Other ports provide standard charging speeds.

3. **Charging Indication:** Your device's screen or indicator light will show that it is charging. The charging station itself has a small blue LED to indicate power is supplied.
4. **Disconnecting Devices:** Once charging is complete, safely disconnect your devices from the charging station.

FAST AND EFFICIENT

With PD 20W & QC 3.0,
you can charge your device in less time

PD 20W

QC 18W

PD20W Fast Charging

⚡ 50% 30Mina	iPhone 15
⚡ 100% 2.5Hours	iPad

Figure 4: Fast and Efficient Charging. This image demonstrates the charging station's ability to fast charge devices, showing an iPhone 15 connected to a PD 20W port and an iPad connected to a QC 18W port.

CHARGE 10 DEVICES SIMULTANEOUSLY



Figure 5: Charge 10 Devices Simultaneously. A lifestyle image depicting the charging station actively charging various devices such as smartphones, smartwatches, and earbuds, illustrating its multi-device capability.

DEVICE COMPATIBILITY

The Aergiatech 10-Port 120W USB C Charging Station is compatible with a wide range of USB-powered devices, including but not limited to:

- **Smartphones:** iPhone 15/14/13/12/11/X/8/7/6 series, Samsung Galaxy S22/S21/S20/S10/Note series, Google

Pixel, HTC, LG, Huawei, and other Android phones.

- **Tablets:** iPad Pro 2021/12.9/11/10.5, iPad mini, iPad Air, and other tablets.
- **Wearables:** Apple Watch series, Galaxy Watch, AirPods/AirPods Pro, Galaxy Buds.
- **Other Devices:** Cameras, game controllers, e-readers (e.g., Kindle), headsets, USB fans, MP3/MP4 players, GPS devices, monitors, musical instruments, printers, projectors, smartwatches, speakers, and more.



Figure 6: High Compatibility. This image showcases the broad compatibility of the charging station with a diverse array of electronic devices, from smartphones and tablets to cameras and smartwatches.

Safety Information

To ensure safe operation and prevent damage to the device or injury, please observe the following safety guidelines:

- Do not expose the charging station to water, moisture, or extreme temperatures.
- Avoid dropping, impacting, or disassembling the device.
- Do not use the charging station if it has been damaged.
- Ensure proper ventilation; do not cover the charging station during use.
- Use only the provided power cord or a certified replacement.
- Keep out of reach of children.
- Unplug the charging station from the power outlet when not in use for extended periods or during electrical storms.
- Do not overload the charging station beyond its specified total output of 120W.

Specifications

Feature	Detail
Model Number	AT-006-5A5C
Total USB Ports	10 (5x USB-C, 5x USB-A)
Total Power Output	120W Max
USB-C PD Port Output	1x 20W
USB-A QC 3.0 Port Output	1x 18W
Standard USB-C Port Output	4x 10.5W (shared)
Standard USB-A Port Output	4x 6.5W (shared)
Input Voltage	AC 100-240V
Amperage	1.5 Amps
Dimensions	6.5 x 6.22 x 2.13 inches
Item Weight	1.19 pounds
Color	Black
Special Features	Fast Charging, Short Circuit Protection, Travel-friendly

Maintenance

- **Cleaning:** Disconnect the charging station from the power outlet before cleaning. Use a soft, dry cloth to wipe the exterior. Do not use liquid cleaners or aerosols.
- **Storage:** Store the device in a cool, dry place when not in use.
- **Cable Care:** Avoid bending or crimping the power cord excessively.

Troubleshooting

- **Device not charging:**

- Ensure the charging station is properly plugged into a live power outlet.
- Check if the power indicator light on the charging station is on.
- Verify that the charging cable is securely connected to both the charging station and your device.
- Try a different charging cable or port.
- Ensure your device is compatible with the charging station.

- **Slow charging:**

- Ensure your device supports fast charging and is connected to a PD or QC 3.0 port.
- Check if multiple high-power devices are connected simultaneously, which might distribute the total 120W output.
- Use a high-quality charging cable that supports fast charging.

- **Charging station feels warm:**

- It is normal for the charging station to become warm during operation, especially when charging multiple devices or fast charging.
- If it becomes excessively hot, disconnect all devices and the power cord, and allow it to cool down. Ensure adequate ventilation.

WARRANTY AND SUPPORT

The Aergiatech 10-Port 120W USB C Charging Station comes with an **18-month warranty** from the date of purchase. This warranty covers manufacturing defects and issues arising from normal use.

For warranty claims, technical support, or any questions regarding your product, please contact Aergiatech customer service through the retailer where you purchased the product or visit the official Aergiatech website for contact information.

Please have your model number (AT-006-5A5C) and proof of purchase ready when contacting support.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question