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› Aergiatech 10-Port 120W USB-C and USB-A Charging Station (Model AT-006-5A5C) User Manual

Aergiatech AT-006-5A5C

Aergiatech 10-Port 120W USB-C and USB-A Charging Station

Model: AT-006-5A5C

INTRODUCTION

The Aergiatech 10-Port 120W USB-C and USB-A Charging Station is designed to provide a centralized and efficient power solution for multiple electronic devices. Featuring a total of 10 ports, including USB-C with Power Delivery (PD3.0) and USB-A with Quick Charge (QC3.0), this station maximizes charging speed and energy efficiency. Its compact design and wide input voltage range make it suitable for both home and travel use.



Figure 1: Aergiatech 10-Port 120W USB-C and USB-A Charging Station

PACKAGE CONTENTS

Verify that all items are present in the package:

- 1x Aergiatech 120W 10-port USB C charger station (Model AT-006-5A5C)
- 1x 5ft / 1.5m ultra long detachable power cord (US plug)
- 1x 5ft / 1.5m ultra long detachable power cord (EU plug)
- 1x User Manual

FEATURES

- **Max 120W Total Output:** Provides a combined 120W power output across all ports.
- **10 Charging Ports:** Includes 5 USB-C ports and 5 USB-A ports for versatile device compatibility.
- **Fast Charging Capabilities:**
 - 1x 20W PD USB-C port for rapid charging of compatible devices.
 - 1x 18W Quick Charge 3.0 (QC3.0) port for accelerated USB-A device charging.
 - 4x 10.5W USB-C ports (5V/2.1A).
 - 4x 6.5W USB-A ports (5V/1.2A).

- **Smart Charging Technology:** Automatically detects connected devices to deliver optimal current and charging speed.
- **Broad Compatibility:** Supports a wide range of USB-powered devices including smartphones (iPhone, Galaxy, Google, Sony, HTC, LG), tablets (iPad Air/Pro), cameras, game controllers, e-readers, headsets, and more.
- **Travel-Friendly Design:** Compact and portable with AC 100-240V wide input voltage and included US and European power plugs.
- **Multiple Protection Features:** Built-in safeguards against overvoltage, short circuit, overheat, and overcurrent.

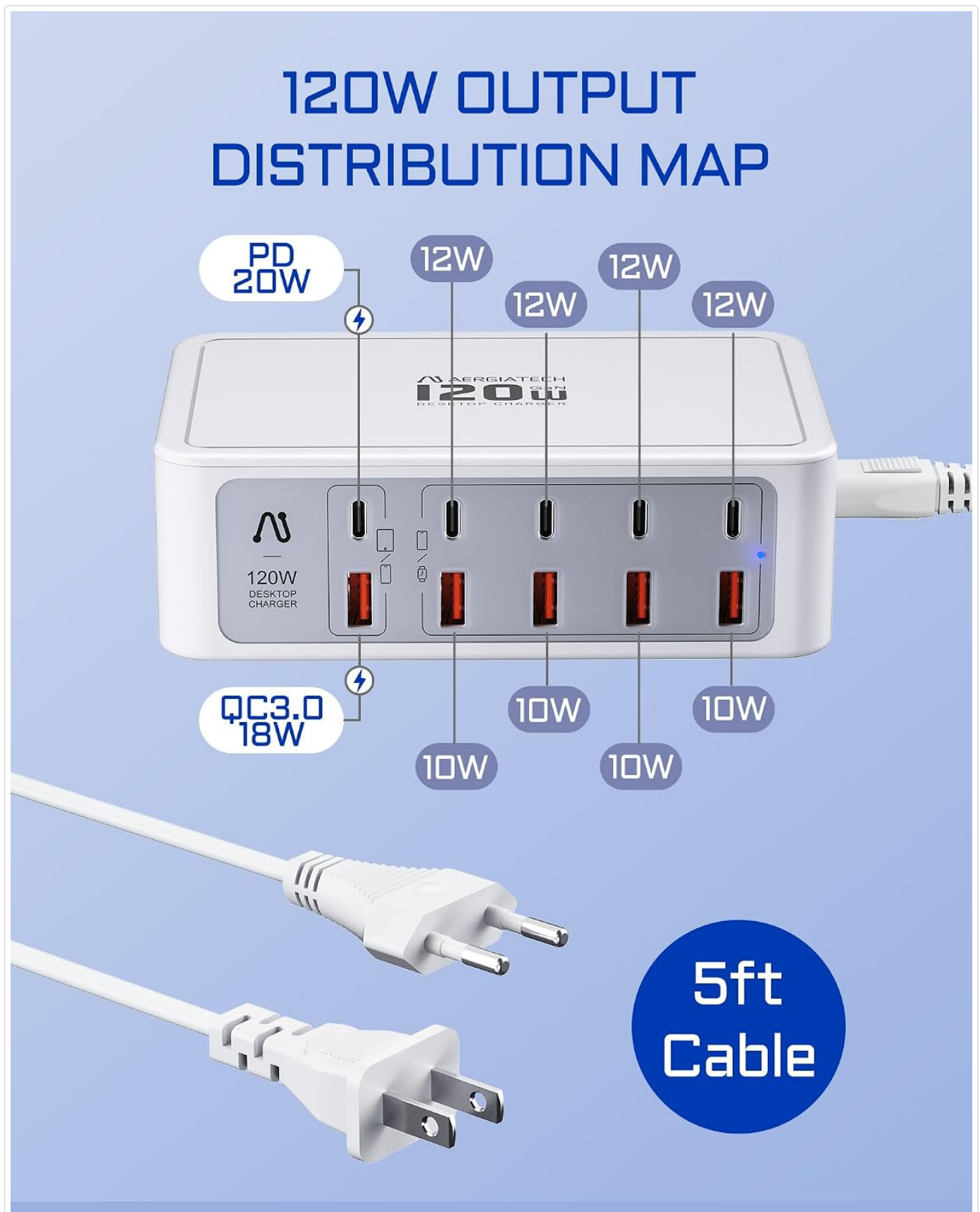


Figure 2: 120W Output Distribution Map

FAST AND EFFICIENT

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



Figure 3: Fast and Efficient Charging

SETUP

1. **Connect Power Cord:** Insert the appropriate detachable power cord (US or EU) into the AC input port on the back of the charging station.
2. **Plug into Outlet:** Connect the other end of the power cord to a standard AC 100-240V wall outlet.
3. **Power On:** The charging station is now ready for use. A small blue LED indicator light will illuminate to confirm power is

supplied.

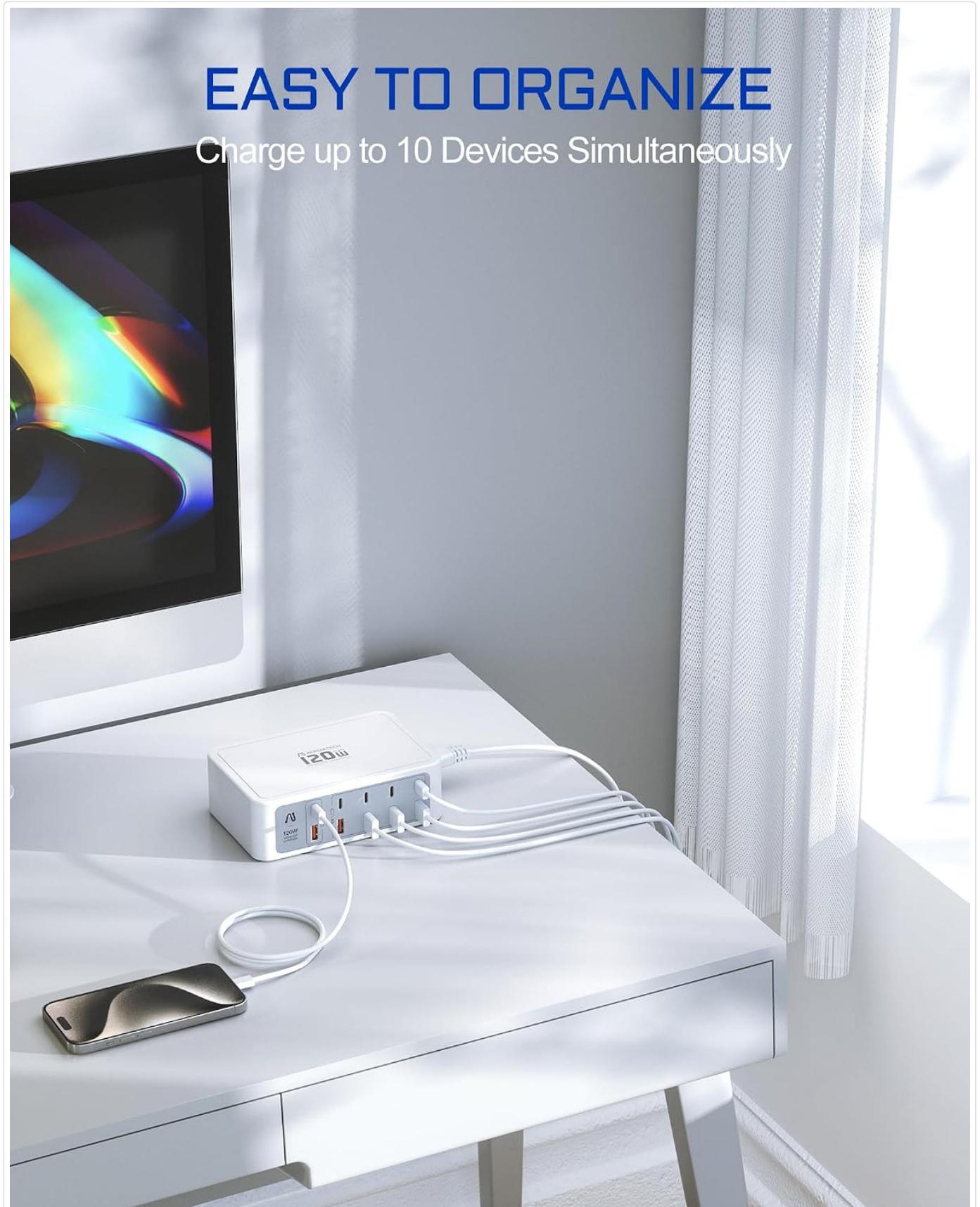


Figure 4: Organized Desktop Setup

OPERATING INSTRUCTIONS

1. **Connect Devices:** Use compatible USB cables to connect your devices to the available USB-C or USB-A ports on the charging station.
2. **Utilize Fast Charging Ports:** For devices that support fast charging, connect them to the dedicated 20W PD USB-C port or

the 18W QC3.0 USB-A port for optimal charging speeds.

3. **Simultaneous Charging:** The station can charge up to 10 devices simultaneously. The smart charging technology will distribute power efficiently among connected devices.
4. **Monitor Charging:** While there isn't a per-port indicator, the blue LED confirms the unit is powered. Your device's screen will indicate its charging status.

CHARGE 10 DEVICES SIMULTANEOUSLY



Figure 5: Charging Multiple Devices Simultaneously

HIGH COMPATIBILITY

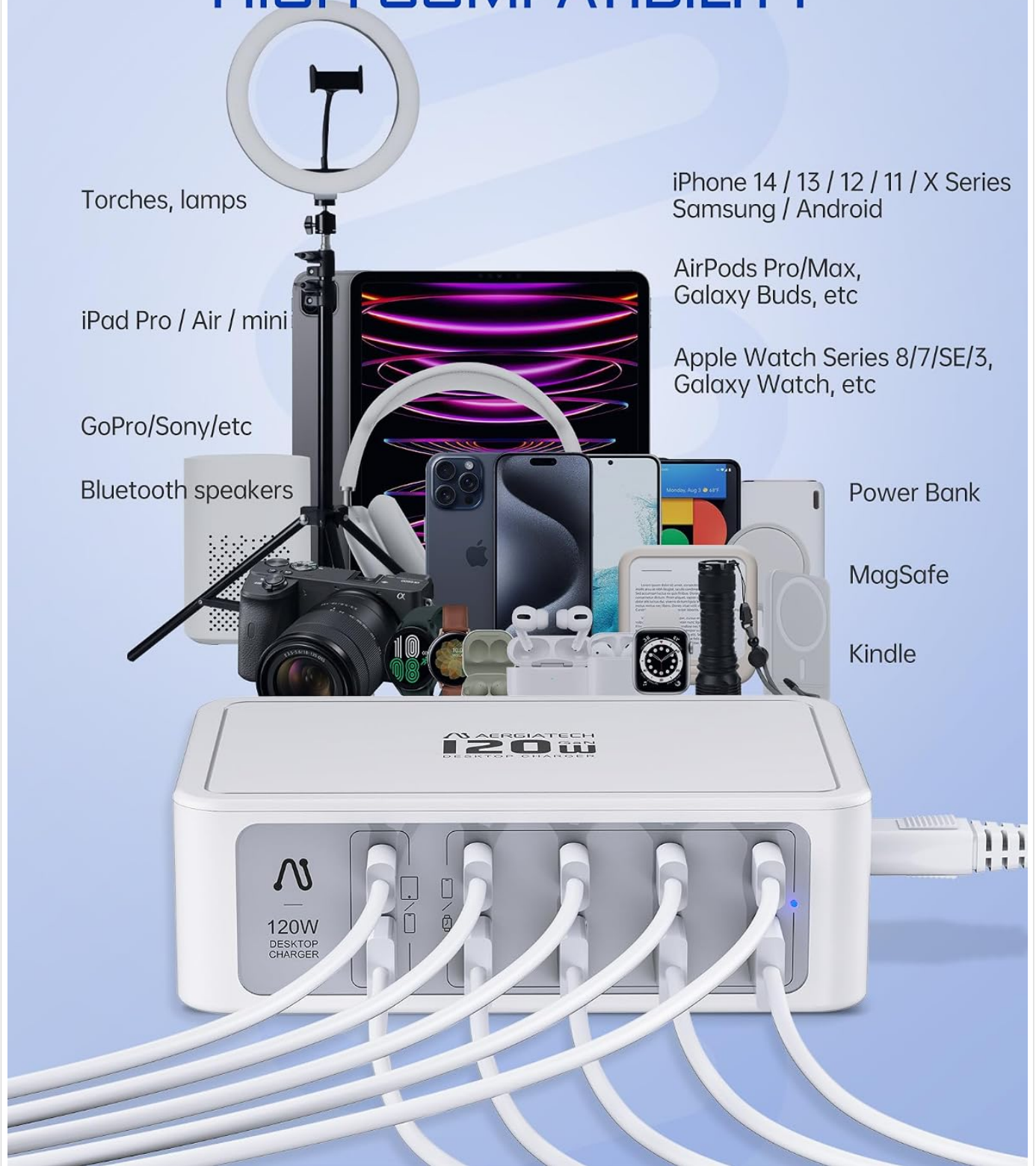


Figure 6: High Device Compatibility

SAFETY INFORMATION

The Aergiatech Charging Station is equipped with multiple safety features to protect your devices and the charger itself:

- **Overvoltage Protection:** Prevents damage from excessive voltage input.
- **Short Circuit Protection:** Automatically cuts power in case of a short circuit.
- **Overheat Protection:** Monitors internal temperature to prevent overheating.

- **Overcurrent Protection:** Safeguards against excessive current output.

Always ensure proper ventilation around the charging station and avoid covering it during operation.



Figure 7: Multiple Protection Features

TROUBLESHOOTING

- **Device not charging:**

- Ensure the charging station is properly plugged into a live power outlet and the blue LED is illuminated.
- Check if the charging cable is securely connected to both the device and the charging station.
- Try a different charging cable or port to rule out a faulty cable or port.
- Verify that your device is compatible with the charging station's output specifications.

• **Slow charging:**

- Ensure you are using the dedicated fast charging ports (20W PD USB-C or 18W QC3.0 USB-A) for compatible devices.
- Check if your device and cable support fast charging protocols (PD or QC).
- Excessive devices connected simultaneously may slightly reduce individual port speeds if total power demand exceeds 120W.

• **Charging station feels warm:**

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

SPECIFICATIONS

Feature	Specification
Brand	Aergiatech
Model Number	AT-006-5A5C
Total USB Ports	10 (5x USB-C, 5x USB-A)
Total Wattage	120W Max
Input Voltage	AC 100-240V
Frequency Range	50-60 Hz
USB-C PD Port	1x 20W (PD3.0)
USB-C Standard Ports	4x 10.5W (5V/2.1A)
USB-A QC Port	1x 18W (QC3.0)
USB-A Standard Ports	4x 6.5W (5V/1.2A)
Material	Plastic
Color	White
Special Features	Fast Charging, Short Circuit Protection, Travel-friendly

PRODUCT OVERVIEW VIDEO

Your browser does not support the video tag.

This video provides an overview of the Aergiatech USB Charging Station, demonstrating its features and multiple ports. Note: The video title mentions 100W, but this product model (AT-006-5A5C) is rated for 120W total output.

WARRANTY AND SUPPORT

This Aergiatech charging station comes with an **18-month warranty** from the date of purchase. For any product inquiries, technical support, or warranty claims, please contact Aergiatech customer service through the retailer where the product was purchased.

Please retain your proof of purchase for warranty validation.

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