



**Powerology**

**Helion 4-Port 200W GaN Wall Charger**

SKU: PPBCHAET47GY

# Table of Contents

|                                |    |
|--------------------------------|----|
| Product Introduction           | 2  |
| Product Overview               | 2  |
| Safety Information             | 3  |
| How to Use                     | 5  |
| Specifications                 | 7  |
| Multi-Port Output Distribution | 9  |
| Key Features                   | 9  |
| Care & Maintenance             | 10 |
| Frequently Asked Questions     | 11 |
| Troubleshooting                | 12 |
| Disposal                       | 13 |
| Warranty                       | 13 |
| Contact Us                     | 14 |

## **Product Introduction**

The Powerology Helion 4-Port 200W GaN Wall Charger is a compact, high-output charging hub built to power your entire workspace. Featuring latest-generation GaN technology, three USB-C ports and one USB-A port, it can simultaneously fast-charge laptops, tablets, smartphones and earbuds with a total output of up to 200W. A Smart TFT display shows real-time per-port wattage and a status emoji, while intelligent temperature monitoring, fireproof PC housing and built-in safeguards keep every connected device protected.



## **Product Overview**

The Helion features a Smart TFT display that shows the live wattage of each port and a total output reading. Three USB-C ports and one USB-

A port sit along the bottom edge, with a control button beside the display for status and screen options.



## **Safety Information**

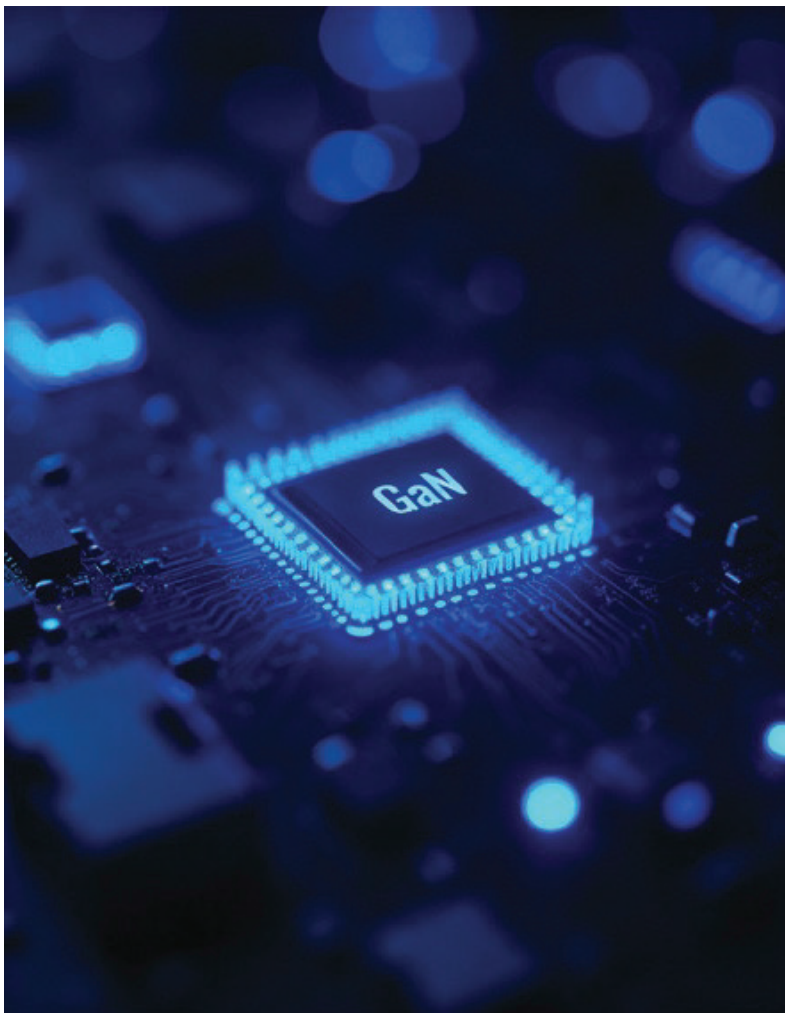
### **Warning:**

1. For indoor, dry use only — keep the charger and cable away from water, moisture and humidity.
2. Do not use the charger if the housing, pins or cable are damaged, cracked or deformed.
3. Do not cover the charger while in use, and do not operate it under bedding, cushions or near flammable materials.
4. Plug directly into a wall socket that matches the rated input; do not force the plug or use a damaged outlet.

5. Do not disassemble, modify or attempt to repair the charger — there are no user-serviceable parts inside.
6. Do not insert metal objects, pins or debris into the USB-C or USB-A ports.
7. Do not exceed the charger's total rated output or the per-port rated output when connecting devices.
8. Stop using the charger immediately if it emits smoke, unusual smell, excessive heat or abnormal noise, and unplug it from the mains.
9. Keep the charger away from heat sources, open flame and direct sunlight to prevent overheating.
10. If the supply cord of a connected cable is damaged, it must be replaced by its service agent or a similarly qualified person to avoid a hazard.
11. Use only cables and devices that are compatible with USB Power Delivery and rated for the current being drawn.
12. If a detachable USB cable used with the charger becomes damaged, discontinue use and replace it with a certified cable of equivalent rating to avoid a hazard.

#### **Attention:**

1. Make sure your mains voltage matches the charger's rated input before use.
2. Unplug the charger by holding its body, not by pulling the cable.
3. Use the charger only with compatible devices and within its rated output.
4. Keep the charger out of the reach of children, and unplug it when not in use.
5. The charger may become warm during operation — place it on a hard, well-ventilated surface and do not block the housing.
6. Wipe the charger only with a dry, soft cloth after unplugging it; do not use solvents or abrasive cleaners.
7. Store the charger in a cool, dry place when not in use, and avoid dropping or applying heavy impact.
8. At end of life, do not dispose of this charger with household waste — the crossed-out wheelie-bin symbol on the housing/package indicates WEEE compliance; take it to a designated electrical waste collection point for recycling.



## How to Use

### 1. Setting Up the Charger

Remove the Helion charger from its packaging and inspect it for any shipping damage.

Unfold the UK plug pins if they are stowed.

Insert the charger firmly into a 100–240V AC wall outlet.

The Smart TFT display will power on and show the standby screen with the status emoji.

## **2. Charging a Single Device**

Connect your device to the appropriate port using a suitable cable (USB-C or USB-A).

For laptops and high-power devices, use the USB-C1 port for up to 140W output.

For phones, tablets and accessories, any of the USB-C or USB-A ports may be used.

The TFT display will show the port in use and its current wattage.

## **3. Charging Multiple Devices**

Connect each device to a separate port; up to four devices can charge at once.

Power is intelligently distributed between the active ports (see the Multi-Port Output Distribution table).

The display will list each active port with its live wattage and the total combined output.

Prioritise the USB-C1 port for the device that needs the fastest charge.

## **4. Reading the Smart TFT Display**

Each active port (C1, C2, C3, A1) is shown with a live power bar and its current wattage.

The TOTAL line shows the combined output versus the 200W maximum.

A status emoji indicates the charger's operating condition at a glance.

Press the function button to toggle display modes or wake the screen.

## Specifications

|                                 |                                                        |
|---------------------------------|--------------------------------------------------------|
| Rated Input                     | AC 100 – 240V~, 50/60Hz                                |
| Rated Current                   | 2.5A Max                                               |
| Total Output                    | 200W                                                   |
| USB-C1 Output                   | 5V/3A, 9V/3A, 12V/3A, 15V/3A, 20V/5A, 28V/5A, 140W Max |
| USB-C2 Output                   | 5V/3A, 9V/3A, 12V/3A, 15V/3A, 20V/5A, 100W Max         |
| USB-C3 Output                   | 5V/3A, 9V/3A, 12V/2.5A, 30W Max                        |
| USB-A Output                    | 5V/3A, 9V/2A, 12V/1.5A, 10V/2.25A, 22.5W Max           |
| USB-C1 + USB-C2 Output          | 100W + 100W                                            |
| USB-C1 + USB-C3 Output          | 140W + 30W                                             |
| USB-C1 + USB-A Output           | 140W + 22.5W                                           |
| USB-C2 + USB-C3 Output          | 100W + 30W                                             |
| USB-C2 + USB-A Output           | 100W + 22.5W                                           |
| USB-C3 + USB-A Output           | 7.5W + 7.5W                                            |
| USB-C1 + USB-C2 + USB-C3 Output | 100W + 65W + 30W                                       |
| USB-C1 + USB-C2 + USB-A Output  | 100W + 65W + 22.5W                                     |
| USB-C1 + USB-C3 + USB-A Output  | 100W + 7.5W + 7.5W                                     |
| USB-C2 + USB-C3 + USB-A Output  | 100W + 7.5W + 7.5W                                     |

|                                       |                         |
|---------------------------------------|-------------------------|
| <b>USB-C1+ C2 + C3 + USB-A Output</b> | 65W + 60W + 7.5W + 7.5W |
| <b>Charging Ports</b>                 | 3 × USB-C, 1 × USB-A    |
| <b>Plug Type</b>                      | 3-Pin UK Plug           |
| <b>Display Type</b>                   | Smart TFT Display       |
| <b>Product Size</b>                   | 81.8 x 80.5 x 49mm      |
| <b>Product Weight</b>                 | 395g                    |
| <b>Product Material</b>               | Fireproof PC            |
| <b>Model Number</b>                   | PPBCHAET47              |

## Multi-Port Output Distribution

| Ports In Use                     | Power Distribution      |
|----------------------------------|-------------------------|
| USB-C1 + USB-C2                  | 100W + 100W             |
| USB-C1 + USB-C3                  | 140W + 30W              |
| USB-C1 + USB-A                   | 140W + 22.5W            |
| USB-C2 + USB-C3                  | 100W + 30W              |
| USB-C2 + USB-A                   | 100W + 22.5W            |
| USB-C3 + USB-A                   | 7.5W + 7.5W             |
| USB-C1 + USB-C2 + USB-C3         | 100W + 65W + 30W        |
| USB-C1 + USB-C2 + USB-A          | 100W + 65W + 22.5W      |
| USB-C1 + USB-C3 + USB-A          | 100W + 7.5W + 7.5W      |
| USB-C2 + USB-C3 + USB-A          | 100W + 7.5W + 7.5W      |
| USB-C1 + USB-C2 + USB-C3 + USB-A | 65W + 60W + 7.5W + 7.5W |

## Key Features

1. Latest-generation GaN technology delivers higher efficiency, faster charging and less heat in a compact body.
2. 200W total output powers up to four devices simultaneously – laptops, tablets, phones and earbuds.
3. USB-C1 port supports up to 140W PD for full-speed laptop charging.
4. Smart TFT display shows real-time wattage per port, total load and a status emoji.

5. Multiple charging protocols support broad compatibility with USB-C smartphones, tablets and laptops.
6. Intelligent temperature monitoring adjusts output to keep the charger safe under load.
7. Built-in safeguards protect against overcurrent, overvoltage, overheating and short-circuit.
8. Fireproof PC housing for added durability and safety.
9. Foldable 3-pin UK plug design for travel-friendly portability.

## Care & Maintenance

### 1. Keeping the Charger in Good Condition

Unplug the charger from the wall outlet when it is not in use for extended periods.

Wipe the housing and display with a soft, dry cloth; never use water, solvents or abrasives.

Keep the ports free of dust and debris — do not insert metal objects into any port.

Store the charger in a cool, dry place, away from direct sunlight and moisture.

Do not cover the charger or use it inside an enclosed space where heat can build up.

Only use quality certified cables that match your device's power requirements.

Do not attempt to open, modify or repair the charger — there are no user-serviceable parts inside.

## **Frequently Asked Questions**

### **1. What devices can I charge with the Helion?**

The Helion charges USB-C and USB-A devices including laptops, tablets, smartphones, earbuds, smartwatches and other USB-powered accessories.

### **2. Which port should I use for my laptop?**

Use the USB-C1 port — it delivers up to 140W and is designed for high-power laptops and other demanding devices.

### **3. Can I really charge four devices at the same time?**

Yes. All four ports can operate simultaneously; the charger intelligently distributes up to 200W total across the connected devices.

### **4. Why does my laptop charge more slowly when other ports are in use?**

When multiple devices are connected, the total 200W budget is shared. See the Multi-Port Output Distribution table for how power is split between active ports.

### **5. What does the status emoji on the display mean?**

The emoji is a friendly indicator of the charger's operating condition — such as idle, actively charging or a temperature warning — giving you a quick visual status at a glance.

### **6. Is it safe to leave the Helion plugged in all the time?**

Yes. Built-in safeguards, intelligent temperature monitoring and the fireproof PC housing are designed for continuous, safe operation, though unplugging it when unused saves energy.

## Troubleshooting

| Problem                                      | Likely Cause                                                                      | Solution                                                                                |
|----------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|
| Charger does not power on / display is blank | No power at the outlet or plug not fully inserted                                 | Check the wall outlet with another device and reseal the Helion firmly into the socket. |
| Device is not charging                       | Faulty or non-data cable, or loose connection                                     | Try a different certified USB-C or USB-A cable and reconnect it at both ends.           |
| Laptop charging slower than expected         | Laptop connected to a lower-power port, or multiple ports in use                  | Connect the laptop to USB-C1 (up to 140W) and disconnect other high-power devices.      |
| Only low wattage shown on the TFT display    | Device negotiating a lower PD/PPS profile, or cable does not support high wattage | Use a USB-C cable rated for the required wattage (e.g. 100W/140W E-marked).             |
| Charger becomes very warm                    | High combined load or restricted airflow                                          | This is normal under heavy load; ensure the charger is in an open, ventilated area.     |
| Charger reduces output during use            | Intelligent temperature monitoring is limiting power to protect the device        | Remove obstructions around the charger and let it cool; output resumes automatically.   |

| Problem                                      | Likely Cause                                                  | Solution                                                                                  |
|----------------------------------------------|---------------------------------------------------------------|-------------------------------------------------------------------------------------------|
| USB-A device not detected                    | Cable fault or unsupported device                             | Try another USB-A cable and confirm the device works with another power source.           |
| Display flickers or shows an error indicator | Momentary overload or unstable input voltage                  | Unplug the charger, wait 10 seconds, remove all devices, then plug it back in.            |
| No output on one specific port               | Damaged cable or debris inside the port                       | Inspect the port for lint or debris and try a different, known-good cable.                |
| Charger keeps cutting off                    | Short-circuit or overcurrent protection triggered by a device | Disconnect all devices, reconnect them one by one to identify the faulty device or cable. |
| Buzzing or unusual noise from the charger    | High-frequency load or defective unit                         | Discontinue use and contact Powerology support if the noise persists.                     |

## Disposal

This product must not be disposed of as unsorted household waste. It is important to separate such waste for proper treatment and recycling, in compliance with local waste management regulations.

## Warranty

Products that you buy directly from our Powerology website or shop come with a 24-month warranty.

The 24-month warranty applies to products purchased directly from our Powerology website or store. If Powerology products are bought from any of our verified retailers, then the product is eligible for only a 12-month warranty. To extend your product's warranty, visit our website [www.powerology.me/warranty](http://www.powerology.me/warranty) and fill in your details in the provided form along with an uploaded picture of the product to process your request. Once approved, you will receive a confirmation email of the extended product warranty. Upload the required information within 48 hours of purchase to be eligible for a 24-month warranty period.

For more info, please check: [www.powerology.me/warranty](http://www.powerology.me/warranty)

## **Contact Us**

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