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**UGREEN 70869CA**

# UGREEN 100W 4-Port USB-C Desktop Charger

Model: 70869CA - User Manual

## 1. Introduction

Thank you for choosing the UGREEN 100W 4-Port USB-C Desktop Charger. This device is designed to provide efficient and fast charging for multiple electronic devices simultaneously. Please read this manual carefully before use to ensure proper operation and to maximize the lifespan of your product.




Image 1.1: UGREEN 100W 4-Port USB-C Desktop Charger overview.

## 2. Product Overview

The UGREEN 100W Desktop Charger features three USB-C ports and one USB-A port, allowing you to charge up to four devices concurrently. It supports various fast charging protocols to deliver optimal power to your devices.




Image 2.1: Front view of the charger with USB-C1, USB-C2, USB-C3, and USB-A ports labeled.

## Key Features:

- **100W Max Output:** Capable of delivering up to 100W of power from a single USB-C port.
- **4-Port Charging:** Simultaneously charge up to four devices (3x USB-C, 1x USB-A).

- **Wide Compatibility:** Compatible with a broad range of devices including MacBook Pro/Air, iPhone, iPad, Galaxy, Pixel, Nintendo Switch, AirPods, and MagSafe accessories.
- **Advanced Safety Features:** Built-in protections against over-voltage, over-current, short-circuit, and over-heating.

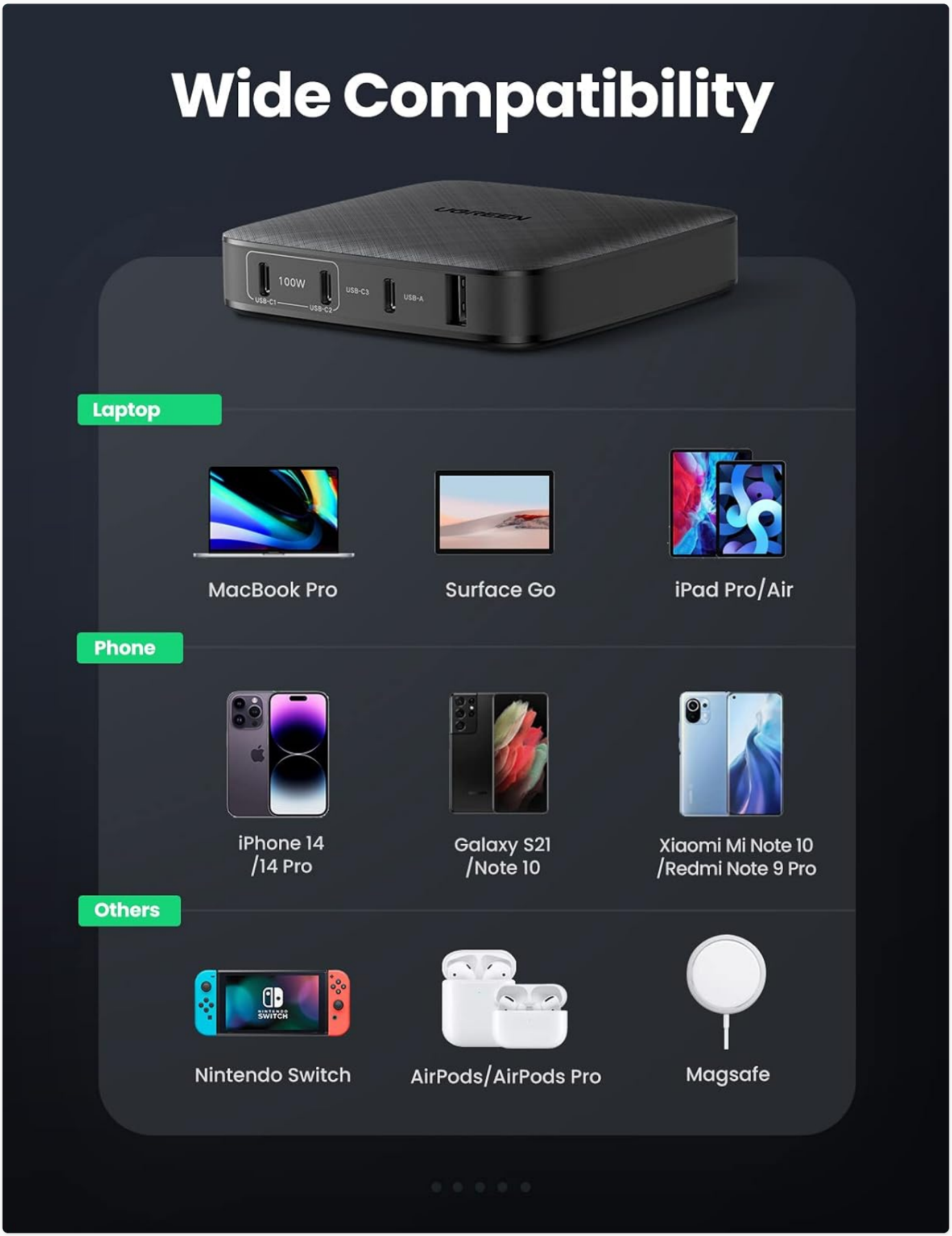



Image 2.2: Illustration of the charger's wide compatibility with laptops, phones, and other devices.

# 3. Specifications

| Feature | Detail |
|---|---|
| Model Number | 70869CA |
| Input | 100-240V~50/60Hz |
| Total Output | 100W Max |
| USB-C1 / USB-C2 Output | PD3.0 / PD2.0, PPS / QC4+ |
| USB-C3 Output | QC3.0, FCP / SCP |
| USB-A Output | QC3.0 / QC2.0, SCP / FCP / AFC, Apple 5V2.4A / BC1.2 |
| Package Dimensions | 5.31 x 4.84 x 2.52 inches |
| Item Weight | 1.3 pounds |
| Color | Black |
| What's in the box | Charging station |

## Power Distribution Table:

The charger intelligently distributes power based on the number and type of connected devices. Refer to the table below for typical power outputs:

| Number of Ports Used | Port Configuration & Output |
|---|---|
| 1 Port | USB-C1 or USB-C2: PD 100W<br>USB-C3: PD 20W<br>USB-A: QC 18W |
| 2 Ports | USB-C1 + USB-C2: PD 45W + PD 45W<br>USB-C1 + USB-C3: PD 65W + PD 20W<br>USB-C1 + USB-A: PD 65W + QC 18W<br>USB-C3 + USB-A: 10.5W + 10.5W |
| 3 Ports | USB-C1 + USB-C2 + USB-C3: PD 45W + PD 30W + PD 20W<br>USB-C1 + USB-C2 + USB-A: PD 45W + PD 30W + QC 18W<br>USB-C1 + USB-C3 + USB-A: PD 65W + 10.5W + 10.5W |
| 4 Ports | USB-C1 + USB-C2 + USB-C3 + USB-A: PD 45W + PD 30W + 10.5W + 10.5W |

**Note:**

- If a low-power device is connected to the USB-A port or the phone is in trickle charge (Battery >80%), the normal output of USB-C3 may be affected.
- It is not recommended to use the USB-A port to charge iWatch or low-power devices below 5W when other high-power devices are connected.

# 4. Setup

1. **Unpack:** Carefully remove the UGREEN 100W Desktop Charger from its packaging.
2. **Connect to Power:** Plug the included AC power cable into the charger's power input port, then connect the other end to a standard wall outlet.
3. **Connect Devices:** Use appropriate USB charging cables (not included) to connect your devices to the available USB-C or USB-A ports on the charger.




Image 4.1: The charger connected to multiple devices for simultaneous charging.

## 5. Operating Instructions

Once connected to a power source and your devices, the charger will automatically detect the connected devices and deliver the optimal charging current.

- For best performance, use high-quality USB-C to USB-C cables for devices that support Power Delivery (PD) for maximum charging speeds.
- When charging multiple devices, the charger intelligently manages power distribution. Refer to thePower Distribution Table in the Specifications section for expected outputs.
- To achieve the maximum 100W output, connect a single compatible device to either the USB-C1 or USB-C2 port.




Image 5.1: High-speed charging capabilities for laptops like MacBook Pro.

## 6. Safety Information

To ensure safe operation and prevent damage to the product or connected devices, please observe the following safety guidelines:

- Do not expose the charger to water, moisture, or extreme temperatures.
- Avoid dropping, impacting, or disassembling the charger.
- Use only original or certified charging cables with the device.
- Keep out of reach of children.
- Unplug the charger during lightning storms or when unused for long periods.

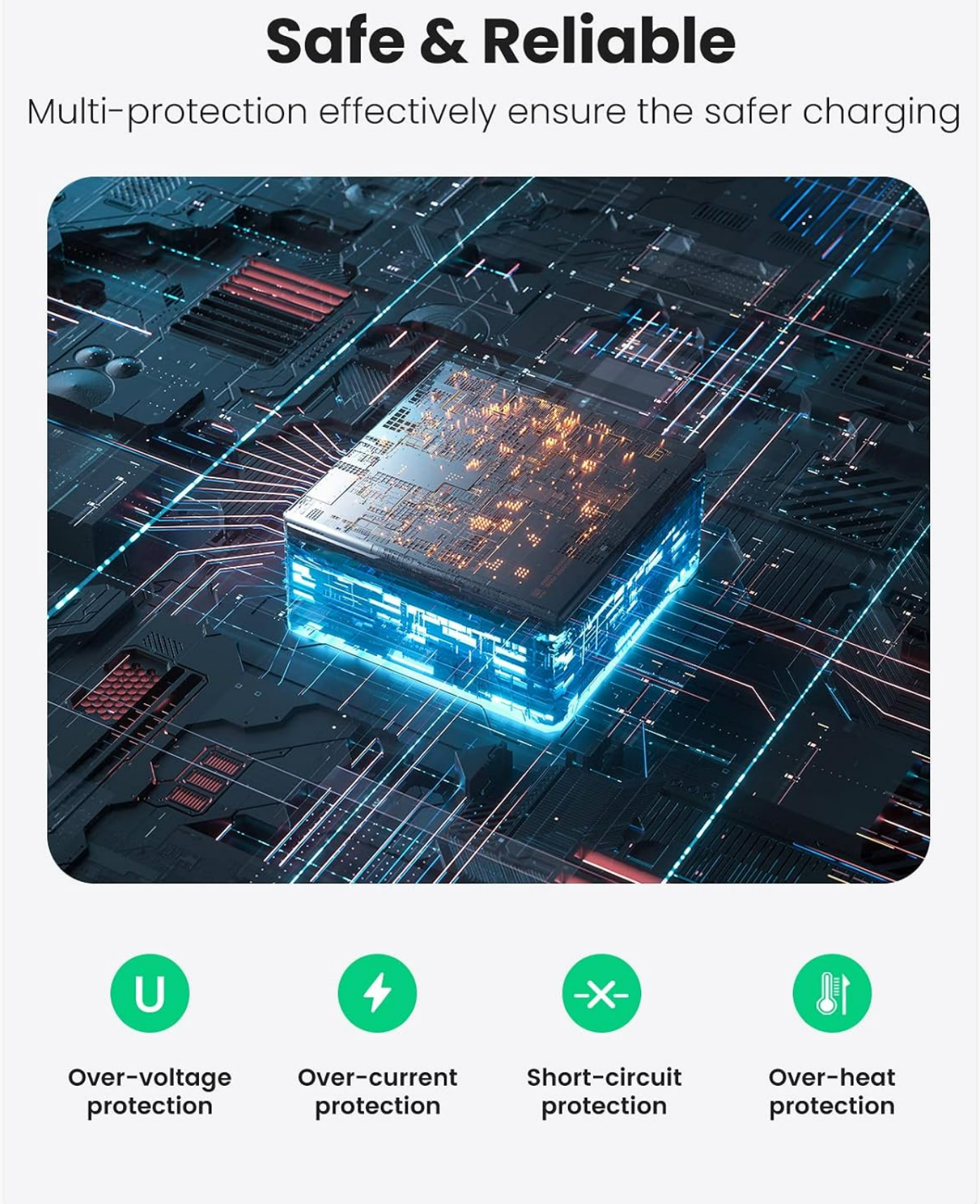



Image 6.1: The charger features multiple protection mechanisms including over-voltage, over-current, short-circuit, and over-heat protection.

## 7. Maintenance

- **Cleaning:** Disconnect the charger from the power outlet and all devices before cleaning. Use a soft, dry cloth to wipe the surface. Do not use liquid cleaners or aerosols.

- **Storage:** Store the charger in a cool, dry place away from direct sunlight and corrosive materials.

## 8. Troubleshooting

If you encounter issues with your UGREEN 100W Desktop Charger, refer to the following common problems and solutions:

1. **Device not charging or charging slowly:**
    - Ensure the charger is properly plugged into a working power outlet.
    - Verify that the charging cable is securely connected to both the charger and your device. Try a different cable if necessary.
    - Check the Power Distribution Table to ensure the port you are using provides sufficient power for your device, especially when multiple devices are connected.
    - If charging multiple devices, try disconnecting some devices to see if the issue resolves, particularly if high-power devices are connected alongside low-power devices on USB-A.
2. **Devices repeatedly connecting/disconnecting (chime issue):**
    - This can occur due to power redistribution when new devices are plugged in or unplugged, or if a port is overloaded.
    - Refer to the Power Distribution Table. Avoid connecting low-power devices (e.g., smartwatches, devices under 5W) to the USB-A port when high-power devices are simultaneously connected to USB-C ports, as this can sometimes cause instability.
    - Try unplugging and replugging the charger from the wall outlet to reset its power distribution.
    - Ensure all cables are in good condition and properly seated.
3. **Charger feels warm during operation:**
    - It is normal for the charger to become warm during high-power charging. The built-in temperature protection will prevent overheating.
    - Ensure adequate ventilation around the charger and avoid covering it.

## 9. Warranty and Support

UGREEN products come with a standard warranty. For specific warranty terms and conditions, please refer to the warranty card included with your product or visit the official UGREEN website.
If you require further assistance or have any questions not covered in this manual, please contact UGREEN customer support through their official website or the retailer from whom you purchased the product.
For more information, visit: www.ugreen.com

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