

UGREEN X527

UGREEN USB C Charger Block 45W User Manual

Model: X527

1. INTRODUCTION

Thank you for choosing the UGREEN USB C Charger Block 45W. This compact and powerful charger is designed to provide efficient and safe charging for a wide range of devices, including smartphones, tablets, and laptops. Featuring two USB-C ports and one USB-A port, it allows for simultaneous charging of up to three devices. This manual provides detailed instructions on how to set up, operate, and maintain your charger, along with important safety information and troubleshooting tips.

2. SETUP

Setting up your UGREEN 45W USB C Charger Block is straightforward. Follow these steps to begin charging your devices:

1. **Unpack the Charger:** Carefully remove the charger from its packaging.
2. **Locate a Power Outlet:** Find a standard wall power outlet (AC 100-240V) that is easily accessible.
3. **Plug in the Charger:** Insert the charger's prongs firmly into the wall outlet. Ensure it is securely seated.
4. **Connect Your Devices:**
 - For USB-C devices, use a compatible USB-C to USB-C cable and connect it to either the USB-C1 or USB-C2 port on the charger.
 - For USB-A devices, use a compatible USB-A cable and connect it to the USB-A port on the charger.
5. **Begin Charging:** Once connected, your device should automatically begin charging.



Image: The UGREEN 45W USB C Charger Block, showcasing its compact design and multiple charging ports.

3. OPERATING INSTRUCTIONS

The UGREEN 45W USB C Charger Block is designed for efficient and versatile charging. Here's how to optimize its use:

3.1 Charging Capabilities

- **Total Output:** The charger provides a total power output of 45W, dynamically distributed across its ports.
- **Multiple Ports:** It features two USB-C ports (USB-C1, USB-C2) and one USB-A port, allowing you to charge up to three devices simultaneously.
- **Fast Charging:** Supports various fast charging protocols, including Samsung Super Fast Charging 2.0, enabling rapid charging for compatible devices.

Supports Samsung Super Fast Charging 2.0

Fully charged in Approximately 1 Hour

45W



Note: Requires a 5A charging cable for optimal charging speed.

Image: The UGREEN 45W charger demonstrating its capability for Samsung Super Fast Charging 2.0, achieving a full charge in approximately 1 hour for compatible devices.

Charge 3 Devices Simultaneously

2* USB-C Ports, 1 USB A Port

3-IN-1



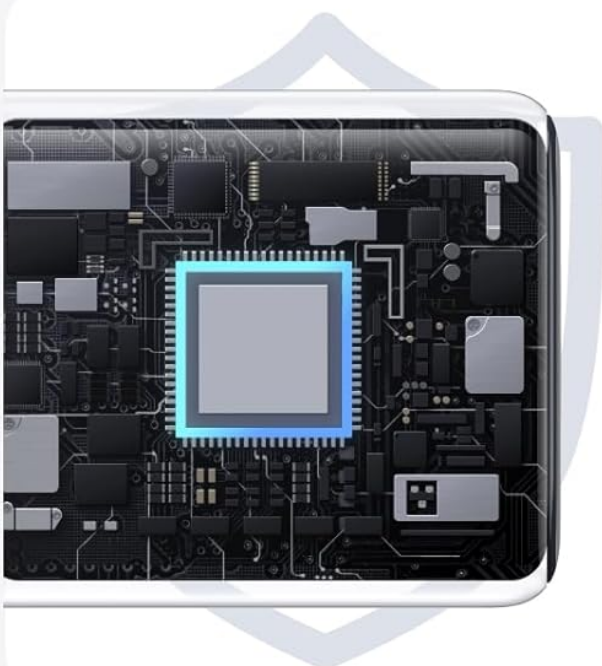
Image: The UGREEN 45W charger illustrating its ability to charge three devices concurrently: two via USB-C ports and one via the USB-A port.

3.2 Safety Features

The charger incorporates MultiProtect Technology to ensure safe and reliable charging:

- **Overvoltage Protection:** Prevents damage from excessive voltage.
- **Short Circuit Protection:** Safeguards against short circuits.
- **Overheat Protection:** Monitors temperature to prevent overheating.
- **Overcurrent Protection:** Protects against excessive current flow.

MultiProtect Technology



Overvoltage
Protection



Short Circuit
Protection



Overheat
Protection



Overcurrent
Protection

UGREEN 45W 2C1A Charger

Charging Guide

Charge for 1 Device



USB C1-PD45W



USB C2-PD45W



USB A-SCP22.5W

Charge for 2 Devices



USB C1-PD30W
USB C2-12W



USB C1-PD30W
USB A-12W



USB C2+USB A
15W



Charge for 3 Devices



USB C1-PD30W
USB C2+USB A
15W

Image: The UGREEN 45W charger featuring Always-On Temperature Detection with ThermalGuad Tech, performing over 238 temperature readings per second for enhanced safety.

3.3 Compact Design

The UGREEN 45W charger is designed to be compact and lightweight, making it ideal for travel and everyday portability.



**Compact &
Light**
Power On-the-Go!



Image: The UGREEN 45W charger being placed into a backpack, illustrating its compact and light design for portability.

3.4 Universal Compatibility

The charger is compatible with a wide range of devices:

- **Smartphones:** Galaxy S25 Ultra-S8 Series, iPhone 16-8 Series, Pixel 9-6 Series, and more.
- **Tablets:** iPad Air Series, iPad Pro Series, iPad Mini Series, and other compatible tablets.
- **Other Devices:** AirPods, MagSafe Wireless Charger, MagSafe Duo, Apple Watch, Bluetooth Earbuds, and various notebooks/ultrabooks (e.g., MacBook Air, Dell XPS 13, Chromebooks).

Always-On Temperature Detection

With ThermalGuad Tech

238+

temperature readings a second

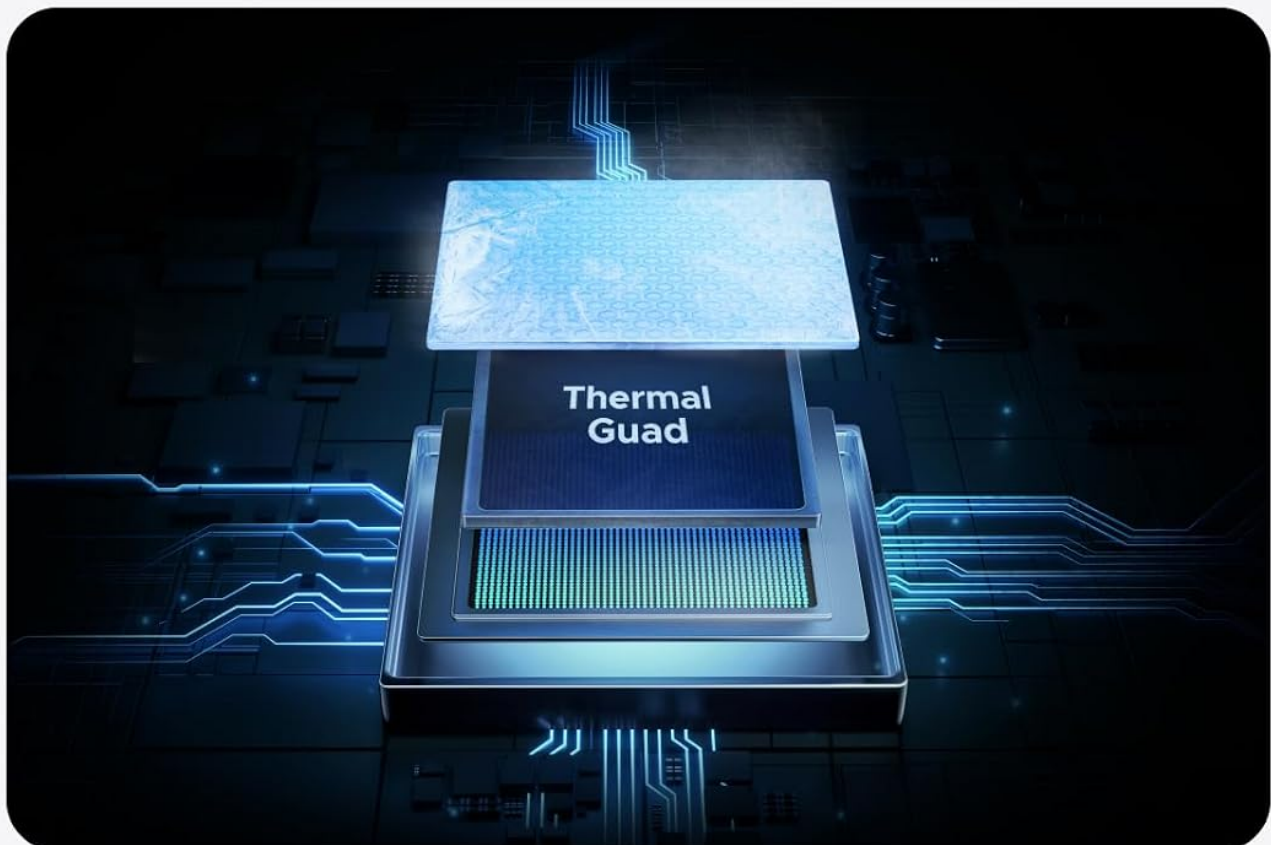


Image: A visual guide to the UGREEN 45W charger's universal compatibility, listing various smartphones, tablets, and other devices like AirPods.

3.5 Charging Guide

The power distribution varies depending on the number of devices connected:

Universal Compatibility



Smartphone

Galaxy S25 Ultra-S8 Series
iPhone 16-8 Series

Pixel 9-6 Series



Tablet

iPad Air Series
iPad Pro Series
iPad Mini Series



Others

Airpods



Image: A detailed charging guide for the UGREEN 45W charger, illustrating the power output configurations when charging one, two, or three devices simultaneously.

UGREEN 45W Charger Power Distribution

Number of Devices	Port Configuration	Output Power
1 Device	USB-C1 (PD)	45W
	USB-C2 (PD)	45W
	USB-A (SCP)	22.5W
2 Devices	USB-C1 (PD) + USB-C2	30W + 12W
	USB-C1 (PD) + USB-A	30W + 12W
	USB-C2 + USB-A	15W (shared)
3 Devices	USB-C1 (PD) + USB-C2 + USB-A	30W + 15W (shared for C2+A)

4. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your UGREEN charger:

- **Cleaning:** Disconnect the charger from the power outlet before cleaning. Use a soft, dry cloth to wipe the surface. Do not use liquid cleaners, aerosols, or abrasive materials.
- **Storage:** Store the charger in a cool, dry place away from direct sunlight and extreme temperatures. When not in use, unplug it from the wall outlet.
- **Handling:** Avoid dropping the charger or subjecting it to strong impacts. Do not attempt to disassemble or modify the charger, as this will void the warranty and could pose a safety risk.
- **Cable Care:** Always pull by the plug, not the cable, when disconnecting. Avoid bending or crimping cables excessively, as this can damage the internal wires.

5. TROUBLESHOOTING

If you encounter issues with your UGREEN charger, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Device not charging.	• Charger not properly plugged in. • Faulty charging cable. • Device not compatible with fast charging. • Device charging port issue.	• Ensure the charger is firmly plugged into a live wall outlet. • Try a different, known-good charging cable. • Verify your device supports the charging protocol. • Test charging your device with another charger/cable.

Problem	Possible Cause	Solution
Slow charging.	- Using a non-fast charging cable. - Device does not support fast charging. - Multiple devices connected, distributing power.	- Use a high-quality cable rated for fast charging (e.g., 5A cable for optimal speed). - Confirm your device's fast charging capabilities. - Refer to the "Charging Guide" section for power distribution when multiple devices are connected.
Charger feels warm.	- Normal operation during high power output. - Poor ventilation.	- A slight warmth is normal. If it becomes excessively hot, disconnect immediately. - Ensure the charger is in a well-ventilated area and not covered.

If the problem persists after trying these solutions, please contact UGREEN customer support for further assistance.

6. SPECIFICATIONS

Feature	Detail
Brand	UGREEN
Model	X527
Part Number	65155
Wattage	45 watts
Number of Ports	3 (2x USB-C, 1x USB-A)
Connector Type	USB Type A, USB Type C
Material	Polyvinyl Chloride
Product Dimensions	40 x 4.8 x 4 cm; 55 g
Compatible Devices	Cellular Phones, Tablets, Laptops, Earbuds, Smartwatches
Safety Certifications	CSA, cUL

7. WARRANTY & SUPPORT

UGREEN products are designed and manufactured to the highest quality standards. This product is covered by a standard manufacturer's warranty. Please refer to the warranty card included with your purchase or visit the official UGREEN website for detailed warranty terms and conditions.

For technical support, troubleshooting assistance, or warranty claims, please contact UGREEN customer service through their official website or the contact information provided in your product packaging. When contacting support, please have your product model number (X527) and purchase details ready.

UGREEN Official Website: www.ugreen.com

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