UGREEN X227

UGREEN 20W USB-A+USB-C Wall Charger User Manual

Model: X227

1. Introduction

Thank you for choosing the UGREEN 20W USB-A+USB-C Wall Charger. This compact and powerful charger is designed to provide efficient and safe charging for a wide range of portable electronic devices, including smartphones, tablets, and more. It features both USB-A and USB-C ports, allowing for versatile charging options. Please read this manual carefully before use to ensure optimal performance and safety.

2. Safety Information

To prevent fire, electric shock, or injury, please observe the following safety precautions:

- Do not expose the charger to rain, moisture, or extreme temperatures.
- Do not disassemble, repair, or modify the charger.
- Avoid dropping or subjecting the charger to strong impacts.
- Keep out of reach of children.
- Ensure the charger is properly ventilated during use.
- Unplug the charger from the power outlet when not in use or during thunderstorms.
- This product is PSE certified, ensuring compliance with technical safety standards.

3. Product Overview

The UGREEN 20W USB-A+USB-C Wall Charger is a compact device designed for efficient power delivery. It features a USB-C port and a USB-A port for simultaneous charging of two devices.



Image: Front view of the UGREEN 20W USB-A+USB-C Wall Charger, showing both USB-C and USB-A ports.



Image: A hand holding the compact UGREEN charger, demonstrating its small size (approximately 4.8 x 4.8 x 2.8 cm).

4. Setup and Operation

4.1 Connecting the Charger

1. Plug the UGREEN wall charger into a standard AC power outlet.
2. Connect your device's charging cable (USB-C or USB-A) to the corresponding port on the charger.
3. Connect the other end of the cable to your device.

4.2 Charging Your Devices

This charger supports various charging configurations:

- **USB-C Port Only:** Provides up to 20W Power Delivery (PD) for fast charging compatible devices.
- **USB-A Port Only:** Provides up to 18W for devices compatible with Quick Charge (QC) or other fast charging protocols.
- **Both USB-A and USB-C Ports Simultaneously:** Provides a combined total output of 15W. The charger intelligently distributes power to connected devices.

USB-C 20W Power Delivery

急速充電

30 分間

iPhone 16

60 %



Image: Illustration showing the USB-C port providing 20W Power Delivery, capable of charging an iPhone 16 to 60% in 30 minutes.



Image: A user charging two devices simultaneously (smartphone and tablet) using both the USB-A and USB-C ports of the UGREEN charger.



Image: Diagram illustrating the different power outputs: USB-C (PD 20W Max), USB-A (18W Max), and USB-A+C (15W Max combined).

4.3 Wide Compatibility

The charger supports multiple charging protocols including PD3.0, QC3.0, SCP, AFC, and BC1.2, ensuring broad compatibility with various devices.



Image: Visual representation of compatible devices including iPhone 16/15/14/13/12 Series, Galaxy S24/S23/S22 Series, iPad Air/Pro/Mini Series, AirPods Series, iWatch 10/9/8/7, and Pixel 9/8/7/6 Series.

5. Maintenance

To ensure the longevity and proper functioning of your UGREEN charger:

- Clean the charger with a soft, dry cloth. Do not use liquid cleaners or aerosols.
- Store the charger in a cool, dry place away from direct sunlight and excessive heat.
- Avoid bending or twisting the charging pins excessively.

6. Troubleshooting

If you encounter issues with your charger, please refer to the following:

- **Device not charging:** Ensure the charger is securely plugged into a working power outlet and the charging cable is properly connected to both the charger and your device. Try a different cable or outlet.
- **Slow charging:** Verify that your device supports fast charging protocols (PD3.0, QC3.0) and that you are using a compatible cable. When charging two devices simultaneously, the total output is 15W, which may result in slower charging for individual devices compared to single-port use.
- **Overheating:** The charger is designed with overheat prevention. If it feels excessively hot, unplug it immediately and allow it to cool down. Ensure adequate ventilation.

6.1 Safety Protection Features

The UGREEN charger incorporates multiple protection systems for safe operation:

- Overcharge Protection
- Overheat Prevention
- Overcurrent Prevention
- Short Circuit Prevention

It utilizes GaN (Gallium Nitride) technology, which reduces power loss and heat generation compared to traditional silicon semiconductors, contributing to its compact size and high efficiency.



Image: Diagram illustrating the multi-protection features (overvoltage, short circuit, overheat, overcharge) and the GaN chip inside the charger.

7. Specifications

Feature	Description
Brand	UGREEN
Model Number	X227
Color	White
Connectivity	USB
Connector Type	USB Type-C, USB-A
Material	PC (Fire-resistant UL94-V0)
Special Feature	Fast Charging, GaN Technology, Multi-Protection
Compatible Devices	Tablets, Smartphones (iPhone, Android, Galaxy), iWatch, MacBook Air, AirPods
Item Weight	70 grams
Package Dimensions	10.2 x 10 x 3.2 cm

8. Warranty and Support

Products purchased from our store come with a**24-month warranty service**. The warranty is valid from the date of purchase for 24 months.

Please note: Intentional damage by the customer or a third party will void the warranty.

For technical support or warranty claims, please contact UGREEN customer service through the official UGREEN website or your point of purchase. Please have your product model number (X227) and proof of purchase ready.

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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

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Email

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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