Linocell GS-W18A0920

Linocell 20W PD USB-C Wall Charger and Lightning Cable User Manual

Model: GS-W18A0920

1. Introduction

This manual provides essential instructions for the safe and efficient use of your Linocell 20W PD USB-C Wall Charger and MFi Certified Type-C to Lightning Cable. Please read this manual thoroughly before use and retain it for future reference.

2. Package Contents

Verify that all items are present in your package:

- 2 x Linocell 20W USB-C PD Smart Power Fast Wall Charger Plug
- 2 x MFi Certified 6FT Type-C to Lightning Quick Charging Sync Cable

Image 1: Package contents showing two wall chargers and two coiled cables.

3. Technical Specifications

Input Voltage	100-240V ~ 50-60Hz, 0.6A
Output Power	5V/3A, 9V/2A, 9V/2.22A, 12V/1.5A (20W Max)
Connector Type	USB Type-C (Charger), Type-C to Lightning (Cable)
Cable Length	6 Feet (1.8 meters)
Certifications	MFi, UL, ETL, FCC, CE, ROHS
Model Number	GS-W18A0920

4. Setup Instructions

To begin charging your device:

1. Insert the USB-C end of the provided cable into the USB-C port on the Linocell 20W Wall Charger.
2. Plug the wall charger into a standard electrical outlet (100-240V).
3. Connect the Lightning end of the cable to the charging port of your compatible Apple device (iPhone, iPad, or AirPods).

The device should indicate that it is charging. For optimal fast charging, ensure your device supports USB Power Delivery (PD).

5. Operating the Charger

The Linocell 20W PD USB-C Wall Charger is designed for efficient and fast charging of compatible Apple devices. It automatically detects the connected device and delivers the optimal charging current.

Fast Charging Capability

This charger utilizes Power Delivery 3.0 technology to provide up to 20W of power, enabling compatible iPhones (e.g., iPhone 14, 13, 12 series) to charge from 0% to 50% in approximately 30 minutes. This is significantly faster than standard 5V/1A chargers.

Image 2: Visual representation of 20W Power Delivery charging speed.

Data Transfer

The MFi Certified Type-C to Lightning cable also supports data synchronization. When connected to a computer with a USB-C port, it allows for data transfer speeds of up to 480 Mbps.

Image 3: Data transfer capability of the cable.

6. Compatible Devices

This charger and cable combination is compatible with a wide range of Apple devices:

20W USB-C Power Delivery Fast Charging:

- iPhone 14, 14 Plus, 14 Pro, 14 Pro Max
- iPhone 13, 13 Mini, 13 Pro, 13 Pro Max
- iPhone 12, 12 Mini, 12 Pro, 12 Pro Max
- iPhone SE (2020)
- iPhone 11, 11 Pro, 11 Pro Max
- iPhone X, XR, XS, XS Max
- iPhone 8, 8 Plus
- iPad Pro 10.5", iPad Pro 11"

- iPad Mini 5 7.9" and later models
- AirPods, AirPods Pro

Standard Charging Speed (5V/2.4A):

- iPhone 7, 7 Plus
- iPhone 6, 6 Plus, 6S, 6S Plus
- iPhone 5, 5C, 5S, SE (1st Gen)
- iPad Air, iPad Mini, iPad Pro 9.7"

7. Safety Features

The Linocell charger and cable are equipped with multiple safety mechanisms to protect your devices and ensure reliable operation:

- **MFi Certified:** The cable features an original MFi chip and C94 terminal, ensuring full compatibility and safety with Apple devices.
- **Smart-iQ Chip Technology:** Automatically identifies the connected device and delivers the most suitable charging speed, preventing overcharging.
- **Multi-Protection System:** Built-in safeguards protect against short-circuiting, over-current, over-voltage, and over-temperature.
- **Battery Protection:** Features like overvoltage protection and automatic chip recognition help preserve your device's battery health.

Image 4: Diagram illustrating the multiple security protection features.

Image 5: MFi Certified cable technology details.

8. Troubleshooting

If you encounter issues with your Linocell charger, refer to the following common solutions:

- **Device Not Charging:**
  - Ensure the charger is securely plugged into a working wall outlet.
  - Verify that the cable is firmly connected to both the charger and your device.
  - Try using a different wall outlet.
  - Inspect the cable and charger for any visible damage. If damaged, discontinue use.
  - Test with another compatible device or cable to isolate the issue.
- **Slow Charging:**
  - Ensure your device supports Power Delivery (PD) for fast charging. Older devices will charge at standard speeds.
  - Close any power-intensive applications running in the background on your device.
  - Avoid using your device extensively while it is charging.

- Check if the cable or charger is warm; excessive heat can sometimes reduce charging efficiency.

- **Intermittent Charging:**
  - Check for loose connections at both ends of the cable and the wall outlet.
  - Clean the charging port on your device and the cable connectors for any debris.

9. Care and Maintenance

To ensure the longevity and optimal performance of your Linocell charger and cable:

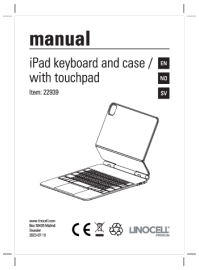
- Keep the charger and cable dry. Avoid exposure to moisture or liquids.
- Do not expose to extreme temperatures.
- Handle the cable by the connector ends when plugging or unplugging, rather than pulling on the cable itself.
- Store in a clean, dust-free environment when not in use.
- Clean the exterior of the charger and cable with a soft, dry cloth. Do not use harsh chemicals or abrasive materials.

10. Warranty and Support

Linocell provides a **6-year warranty** for this charger and offers **lifetime technical support**. If you experience any issues or have questions regarding your product, please contact Linocell customer service through the retailer where the product was purchased or visit the official Linocell support website.

Related Documents - GS-W18A0920

	Linocell USB-C to USB-C & 3.5mm Adapter User Manual User manual for the Linocell USB-C to USB-C & 3.5mm adapter (Item: 65256), detailing specifications and usage instructions in English, Norwegian, and Swedish.
	Linocell Powerbank 30W PD 10000mAh User Manual and Specifications Comprehensive guide to the Linocell Powerbank 30W PD 10000mAh (Item: 80198), covering overview, specifications, usage instructions, troubleshooting, and safety information.

	Linocell Multi Charger / PD 140 W - Specifications and Safety Guide Comprehensive technical specifications, output configurations, and safety guidelines for the Linocell Multi Charger / PD 140 W (Item: 20610, 20612).
	Linocell iPad Keyboard and Case with Touchpad Manual User manual for the Linocell Premium iPad keyboard and case with touchpad, compatible with iPad 10.9" (10th generation). Includes setup, usage, gestures, and safety information.
	Linocell Powerbank 5000 mAh User Manual User manual for the Linocell Powerbank 5000 mAh, including charging instructions, usage guidelines, warnings, and specifications. Available in English, Norwegian, and Swedish.
	Linocell iPad Keyboard and Case with Touchpad - User Manual User manual for the Linocell iPad Keyboard and Case with Touchpad (Item 22939). Learn about specifications, usage, Bluetooth pairing, touchpad gestures, and safety information.