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› LIMETA PB20 Air Ultra-Thin Power Bank User Manual

LIMETA PB20C1

LIMETA PB20 Air Ultra-Thin Power Bank User Manual

Model: PB20C1

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1. INTRODUCTION

Thank you for choosing the LIMETA PB20 Air Ultra-Thin Power Bank. This device is designed to provide reliable and fast portable charging for your compatible electronic devices. Featuring a 5000mAh capacity, 22W bidirectional fast charging, an integrated USB-C cable/lanyard, and smart app control, the PB20 Air offers convenience and advanced functionality. This manual provides essential information for safe and efficient use of your power bank.





Figure 1.1: A front view of the LIMETA PB20 Air power bank, showcasing its sleek, minimalist design.

2. PRODUCT OVERVIEW

The LIMETA PB20 Air is engineered for portability and durability. Its all-aluminum CNC body ensures a premium feel and robust construction. The device integrates a USB-C cable that also functions as a lanyard, enhancing convenience and preventing cable loss.



Figure 2.1: The LIMETA PB20 Air power bank shown alongside its integrated USB-C cable which functions as a lanyard.

Ultra-thin at 9.6mm

easily fitting into wallets, pockets, or handbags.



Figure 2.2: A hand holding the LIMETA PB20 Air power bank, emphasizing its ultra-thin profile of 9.6mm.

3. KEY FEATURES

- **Premium Charging Core:** Equipped with a high-performance pure cobalt battery for stable energy output and extended lifespan.
- **22W Bidirectional Fast Charging:** Supports rapid charging for your devices and quick recharging of the power bank itself.
- **Sleek All-Aluminum CNC Body:** Crafted from a single aluminum block with chamfered edges for a durable, comfortable, and aesthetically pleasing design.
- **Ultra-Portable Design:** Measures 3.09 x 2.36 x 0.38 inches, making it lightweight and easy to carry in wallets or pockets.
- **Integrated USB-C Cable Lanyard:** The built-in USB-C cable doubles as a lanyard, allowing for secure attachment to bags or wrists and eliminating the need to carry extra cables.

- **Polying App Smart Control:** Manage charging settings, monitor real-time power flow, enable battery optimization, adjust beeper alerts, and control indicator lights via a Bluetooth-connected application.
- **Visually Impaired-Friendly Features:** Single-touch LED switch activates voice-guided battery status via a built-in beeper.
- **"Find My Device" Function:** Triggers the power bank's buzzer to help locate it if misplaced, easily stopped with a tap.
- **Advanced Safety Protections:** Includes safeguards against overcharge, overcurrent, and features temperature control to keep charging below 36°C.
- **Universal Compatibility:** Compatible with iWatch, iPhone 17/16/15, and all Type-C devices.



Figure 3.1: An image highlighting four key features: Full Aluminum CNC construction, ultra-thin profile, semi-transparent design revealing internal components, and 22W two-way fast charging capability.

4. SETUP

4.1 Initial Charging of the Power Bank

1. Unpack the LIMETA PB20 Air Power Bank from its packaging.
2. Connect the integrated USB-C cable to a compatible USB-C power adapter (not included) or a computer's USB-C port.
3. Plug the power adapter into a wall outlet. The indicator lights on the power bank will illuminate to show charging progress.
4. Charge the power bank fully before first use. A full charge is indicated when all indicator lights are solid.

4.2 Connecting to Your Device

To charge your electronic device:

1. Unlatch the integrated USB-C cable from its lanyard position.
2. Insert the USB-C connector into your compatible device's charging port.
3. The power bank will automatically begin charging your device. Monitor your device's screen for charging confirmation.

5000mAh PB20Air Power Bank

Two-way Fast Charging Provides instant power support in emergencies, becoming your portable emergency power



Figure 4.1: The LIMETA PB20 Air power bank actively charging an iPhone and a pair of AirPods, demonstrating its 5000mAh capacity and 22W fast charging.

5. OPERATING INSTRUCTIONS

5.1 Charging Your Devices

The PB20 Air supports 22W fast charging. Simply connect your device using the integrated USB-C cable. The power bank will detect the device and initiate charging. The indicator lights will show the remaining power level of the power bank.

5.2 Recharging the Power Bank

To recharge the PB20 Air, connect its integrated USB-C cable to a power source (e.g., wall adapter, computer). The 22W bidirectional charging allows for quick replenishment of the power bank's battery. The indicator lights will flash during charging and become solid when fully charged.

6. POLYING APP SMART CONTROL

Enhance your experience by connecting your PB20 Air to the Polying app via Bluetooth. The app provides advanced control and monitoring features:

- **Real-time Power Flow:** Monitor the charging status, input/output power, and battery temperature directly from your smartphone.
- **Battery Optimization:** Enable a feature that automatically lowers the power bank's charge to below 80% if it remains idle for more than 7 days, helping to prolong battery lifespan.
- **Beeper Alerts:** Customize or disable the built-in beeper alerts for various notifications.
- **Indicator Lights Control:** Turn off the LED indicators post-charge to conserve power or for discreet use.
- **Firmware Upgrades:** Receive and install over-the-air (OTA) firmware updates to ensure your power bank always has the latest features and improvements.

App Smart Control

OTA Upgrade | Charging Parameters | Charging Optimization | Notification Sound | Auto Shutdown | Comfort Mode | Find My Device Function

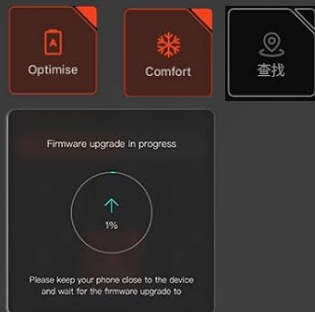


Figure 6.1: The LIMETA PB20 Air power bank connected to a smartphone displaying the Polyling App interface for smart control and monitoring.

7. ACCESSIBILITY FEATURES

The LIMETA PB20 Air is designed with accessibility in mind, particularly for visually impaired users:

- **Voice-Guided Battery Status:** A single touch on the LED switch activates the built-in beeper, which provides audible feedback on the current battery level.
- **"Find My Device" Buzzer:** If the power bank is misplaced, activate the "Find My Device" feature via the Polyling app. The power bank will emit a distinct buzzing sound, helping you locate it. A simple tap on the device will stop the buzzing.

One Touch to Sound, Locate Anytime

The built-in buzzer automatically reports battery levels with a touch switch; use the find-my-device feature to activate the buzzer, making it easy for visually impaired users.



Figure 7.1: An illustration of a visually impaired user utilizing the 'One Touch to Sound, Locate Anytime' feature, where the power bank emits a sound to indicate battery level or location.

8. SAFETY GUIDELINES

To ensure safe operation and prolong the life of your power bank, please adhere to the following guidelines:

- Do not expose the power bank to extreme temperatures (hot or cold), direct sunlight, or high humidity.
- Avoid dropping, puncturing, or disassembling the device.
- Keep the power bank away from water and other liquids.
- Use only compatible charging cables and adapters.
- Do not operate the power bank if it has been damaged in any way.
- The power bank features advanced circuit protection against overcharge, overcurrent, and short circuits. It also includes temperature control to maintain charging temperatures below 36°C.
- Dispose of the power bank responsibly according to local regulations. Do not dispose of it with household waste.

9. MAINTENANCE

Proper care will ensure the longevity of your LIMETA PB20 Air Power Bank:

- Clean the power bank with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- Store the power bank in a cool, dry place when not in use.
- If storing for extended periods, ensure the power bank is charged to approximately 50-70% to maintain battery health. Recharge it every 3-6 months.
- Regularly check the integrated USB-C cable for any signs of wear or damage.

10. TROUBLESHOOTING

Problem	Possible Cause	Solution
Power bank not charging device.	Low power bank battery; loose connection; incompatible device.	Recharge power bank; ensure cable is securely connected; verify device compatibility.
Power bank not recharging.	Faulty charging adapter/cable; power source issue.	Try a different USB-C cable and power adapter; ensure power source is active.
Polying app cannot connect to power bank.	Bluetooth off; app not updated; power bank too far.	Ensure Bluetooth is enabled on your phone; update the Polyling app; bring power bank closer to phone.
Buzzer not working for "Find My Device".	Buzzer disabled in app; low battery.	Check app settings to ensure buzzer is enabled; recharge power bank.

11. SPECIFICATIONS

Feature	Detail
Model Number	PB20C1
Battery Capacity	5000 mAh
Charging Power	22W Bidirectional Fast Charging
Connector Type	USB Type-C (integrated)
Product Dimensions	3.09 x 2.36 x 0.38 inches (7.85 x 5.99 x 0.97 cm)
Item Weight	3.35 ounces (95 grams)
Material	All-Aluminum CNC Build
Special Features	Built-in Cable, Fast Charging, Lanyard, Lightweight, Pocket Size, Buzzer, App Control, Visually Impaired Friendly

12. WARRANTY AND SUPPORT

The LIMETA PB20 Air Power Bank comes with a standard manufacturer's warranty. For specific warranty details, please refer to the product packaging or contact LIMETA customer support. If you encounter any issues or have questions regarding your product, please visit the official LIMETA website or contact their customer service team for assistance. For further support, please visit: [LIMETA Store on Amazon](#)

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Example: How do I reset this device or fix this error?

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Model number, symptoms, what you tried, or the section of the manual you are using.

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