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LENGSUM P88

LENGSUM Portable Charger Power Bank P88 User Manual

1. INTRODUCTION

Thank you for choosing the LENGSUM Portable Charger Power Bank P88. This high-capacity 32000mAh power bank is designed for efficient and safe charging of your electronic devices on the go. Featuring 22.5W fast charging, built-in cables, and multiple output/input options, it ensures your devices stay powered when you need them most.

This manual provides essential information on how to properly use and maintain your power bank. Please read it thoroughly before use.



Figure 1: LENGSUM Portable Charger Power Bank P88

2. PRODUCT OVERVIEW

2.1 Key Features

- High Capacity:** 32000mAh with new high-density polymer battery.
- Fast Charging:** Up to 22.5W output (USB-A QC3.0) and 20W PD in/out (USB-C).
- Built-in Cables:** Integrated USB-C and iOS (Lightning) output cables for convenience.
- Multiple Ports:** 5 outputs (including built-in cables) and 3 inputs (iOS, USB-C, Micro-USB).
- Digital Display:** Clear LED percentage display for remaining power.
- Wide Compatibility:** Supports iPhone, iPad, Samsung, Google Pixel, and other Android devices.

2.2 Components

The power bank features a sleek design with an LED display and various ports for versatile charging.



Figure 2: Power Bank with LED Display showing 32000mAh capacity.

High Speed 22.5W Fast Charging



Figure 3: Diagram illustrating the 5 output ports and 3 input ports, including built-in cables.

5 Outputs & 3 Inputs

Built-in 2 Cables



LED display



iOS output cable



Type-C output cable



Figure 4: Close-up view of the integrated USB-C and iOS (Lightning) cables.

3. SETUP

3.1 Charging the Power Bank

Before first use, fully charge your power bank. The LED display will show the charging progress. You have three options to recharge the power bank:

1. **USB-C Input:** Use a USB-C cable and a compatible power adapter (not included) to charge via the USB-C port. This port supports up to 20W PD input.
2. **Micro-USB Input:** Use a Micro-USB cable and a compatible power adapter (not included) to

charge via the Micro-USB port. This port supports up to 18W input.

3. **iOS (Lightning) Input:** Use an iOS (Lightning) cable and a compatible power adapter (not included) to charge via the iOS input port.

The LED display will show '100%' when fully charged.

4. OPERATING INSTRUCTIONS

4.1 Charging Your Devices

The power bank offers 5 output options to charge your devices simultaneously:

1. **Built-in USB-C Cable:** Pull out the integrated USB-C cable and connect it to your USB-C compatible device.
2. **Built-in iOS (Lightning) Cable:** Pull out the integrated iOS (Lightning) cable and connect it to your Apple device.
3. **USB-A Output Ports (x2):** Use your device's USB-A charging cable and plug it into either of the two USB-A output ports. USB-A supports up to 22.5W QC3.0 output.
4. **USB-C Output Port:** Use your device's USB-C charging cable and plug it into the USB-C port. This port supports up to 20W PD output.

The power bank will automatically detect and begin charging your connected device(s). The LED display will show the remaining power percentage.

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22.5W Portable Charger



Figure 5: Illustrates fast charging capabilities for various devices.

Compact & Elegant Size

Power your device anytime



146.5×72.5×28.5(mm)



370g



Figure 6: Example of charging multiple devices using the power bank's various outputs.

4.2 Wide Compatibility

The LENGSUM P88 is compatible with a broad range of devices, including:

- iPhone series (16/15/14/13/12/11 and older)
- iPad series (iPad Pro, Air, Mini)
- Samsung Galaxy series (S24/S23/S22/S21)
- Google Pixel and other Android smartphones
- Tablets, AirPods, and more.

Universal Compatibility

Works with today's most-used devices

iPhone Series



iPhone 17



iPhone 16



iPhone 15

iPad Series



iPad Pro



iPad Air



iPad

Samsung Series



Galaxy S25



Galaxy S24



Galaxy S23

AirPods Series



AirPods Pro 3



AirPods 4



AirPods 2



Figure 7: Visual representation of the power bank's compatibility with different phone and tablet models.

5. SAFETY FEATURES

The LENGSUM P88 is equipped with multiple protection technologies to ensure the safety of your devices and the power bank itself:

- Overcharge Protection
- Over Discharge Protection
- Over Voltage Protection
- High Temperature Protection

- Over Power Protection
- Restore Protection
- Short Circuit Protection
- Magnetic Field Protection



Figure 8: Icons representing the various safety protection features of the power bank.

6. SPECIFICATIONS

Feature	Detail
Model Number	P88
Battery Capacity	32000mAh
Output Power	22.5W (Max)
USB-C Port	20W PD In/Out
USB-A Ports	22.5W QC3.0 Output
Micro-USB Input	18W Input
Built-in Cables	USB-C, iOS (Lightning)
Product Dimensions	5.76 x 2.85 x 1.12 inches
Item Weight	1.12 pounds
Battery Type	Lithium Polymer

7. MAINTENANCE

To ensure the longevity and optimal performance of your LENGSUM Power Bank P88, please follow these maintenance guidelines:

- **Storage:** Store the power bank in a cool, dry place away from direct sunlight and extreme temperatures.
- **Cleaning:** Use a soft, dry cloth to clean the surface of the power bank. Avoid using harsh chemicals or abrasive materials.
- **Charging Cycles:** For best battery health, fully charge and discharge the power bank at least once every three months if not in regular use.
- **Avoid Drops:** While designed to be durable, avoid dropping the device to prevent internal damage.
- **Water Exposure:** Keep the power bank away from water and high humidity.

8. TROUBLESHOOTING

If you encounter any issues with your power bank, please refer to the following common solutions:

- **Device Not Charging:**
 - Ensure the power bank is sufficiently charged (check LED display).
 - Verify that the charging cable is securely connected to both the power bank and your device.
 - Try a different charging cable or port on the power bank.
 - Press the power button on the power bank to activate charging.
- **Slow Charging:**
 - Ensure your device supports fast charging and you are using a compatible cable and port (e.g., USB-C PD or USB-A QC3.0).
 - Avoid charging multiple devices simultaneously if you require maximum speed for one device.
- **Power Bank Not Charging:**
 - Check if the charging cable and wall adapter are functioning correctly.
 - Ensure the input cable is connected to the correct input port (iOS, USB-C, or Micro-USB).
- **LED Display Not Working:**
 - Press the power button to activate the display.
 - If the issue persists, the power bank may require service.

9. WARRANTY AND SUPPORT

Your LENGSUM Portable Charger Power Bank P88 comes with a **365-day replacement promise**. If you encounter any issues or have questions about your product, please do not hesitate to contact us for assistance.

For support, please contact the seller, Lengsum-US, through your purchase platform.

