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› [INIU](#) /

› INIU P512 Portable Charger User Manual - 20000mAh 22.5W Fast Charging Power Bank

INIU P512

INIU P512 Portable Charger User Manual

Model: P512 | 20000mAh 22.5W Fast Charging Power Bank

1. INTRODUCTION

Thank you for choosing the INIU P512 Portable Charger. This device is designed to provide reliable and fast charging for your electronic devices on the go. With its 20000mAh capacity and 22.5W fast charging capability, it ensures your devices stay powered throughout your day. Please read this manual carefully before using the product to ensure safe and optimal performance.

2. PACKAGE CONTENTS

- INIU P512 Portable Charger (Green)
- Built-in USB-C Charging Cable (also functions as lanyard)
- User Manual

3. PRODUCT OVERVIEW

Familiarize yourself with the components of your INIU P512 Portable Charger.



Figure 3.1: Front view of the INIU P512 Portable Charger, showing its compact size and digital display.

One Charge Lasts 4 Days

20,000mAh



4.0 Charges
For iPhone 17 Pro



3.5 Charges
For Samsung S25



2.2 Charges
For iPad mini



23 Charges
For AirPods Pro



Google PIXEL

Figure 3.2: Top view of the INIU P512, highlighting the USB-C input/output ports, USB-A output port, and the built-in USB-C cable/lanyard.

Components:

- **Digital Display:** Shows the exact battery percentage remaining.
- **USB-C Ports (2x):** Both support input and output for charging the power bank or charging devices.
- **USB-A Port (1x):** Output port for charging devices.
- **Built-in USB-C Cable:** Detachable and functions as a lanyard for portability. Used for both charging devices and

recharging the power bank.

- **Flashlight:** Integrated LED light for illumination.

4. SETUP

4.1 Initial Charging of the Power Bank

Before first use, it is recommended to fully charge your INIU P512 Portable Charger.

1. Connect the built-in USB-C cable or another USB-C cable to one of the USB-C input ports on the power bank.
2. Connect the other end of the cable to a USB wall charger (not included). A 20W or higher USB-C charger is recommended for fastest recharging.
3. The digital display will show the charging progress. The power bank is fully charged when the display shows "100%".

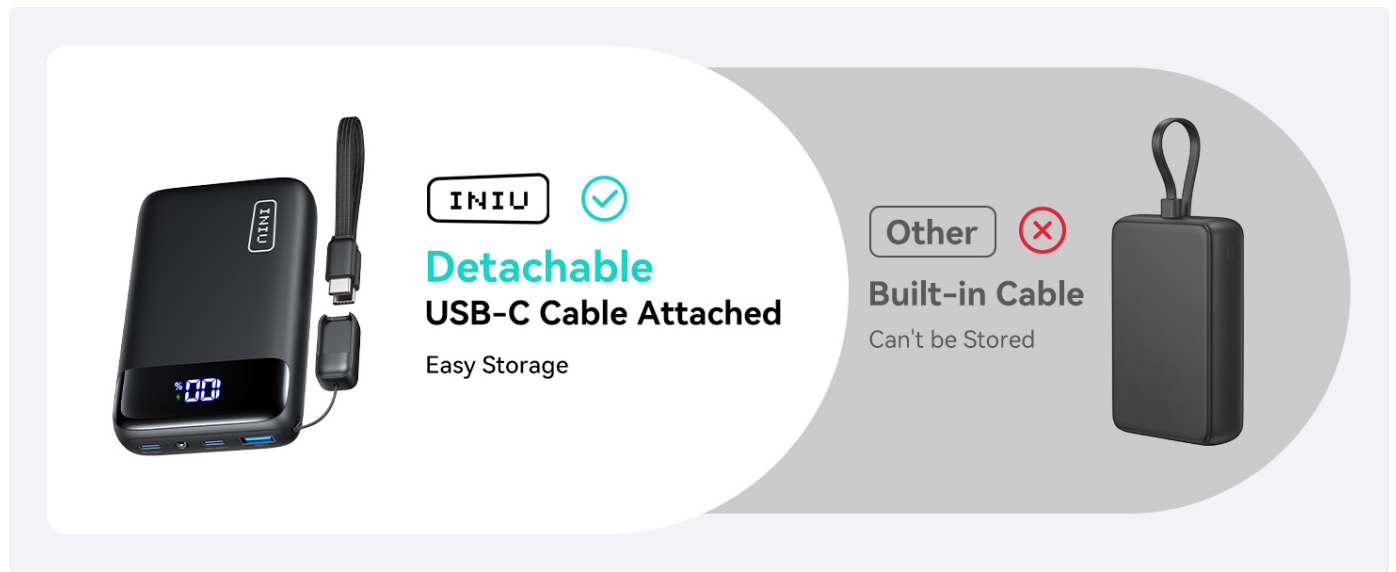


Figure 4.1: The built-in USB-C cable can be used for both charging devices and recharging the power bank itself.

5. OPERATING INSTRUCTIONS

5.1 Charging Your Devices

The INIU P512 can charge up to three devices simultaneously.

1. Connect your device to one of the power bank's output ports (USB-A or USB-C) using an appropriate charging cable.
2. The power bank will automatically begin charging your device. The digital display will show the remaining battery percentage.
3. Disconnect your device once it is fully charged or when you wish to stop charging.

25min Fast Charge



iPhone 17 Pro

60%



Samsung S25

70%



*The above data was tested starting from low battery power (approximately 20% remaining).

Figure 5.1: The power bank can charge multiple devices at once using its USB-C and USB-A output ports.

5.2 Using the Flashlight

The INIU P512 includes a built-in flashlight for convenience.

- To turn on the flashlight, press and hold the power button for approximately 2 seconds.
- To turn off the flashlight, press and hold the power button again for approximately 2 seconds.

5.3 Digital Display

The LED digital display provides real-time information about the power bank's battery status:

- When charging the power bank, the percentage will increase.
- When charging devices, the percentage will decrease.
- A quick press of the power button will illuminate the display to show the current battery level.

6. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the surface of the power bank. Do not use harsh chemicals or abrasive materials.
- **Storage:** Store the power bank in a cool, dry place away from direct sunlight, extreme temperatures, and humidity.
- **Battery Care:** To prolong battery life, fully charge the power bank at least once every three months if not in regular use.
- **Avoid Drops:** Do not drop or subject the power bank to strong impacts.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Power bank not charging	Cable issue, charger issue, power bank fully discharged.	Try a different USB-C cable and wall charger. Ensure the charger is functional. Allow a few minutes for a deeply discharged power bank to respond.
Device not charging from power bank	Power bank low on battery, cable issue, device compatibility.	Check power bank battery level. Try a different charging cable. Ensure your device is compatible with USB charging.
Slow charging	Cable quality, device input limit, charger output.	Use a high-quality charging cable. Ensure your device supports fast charging. For recharging the power bank, use a 20W or higher USB-C PD charger.
Flashlight not working	Incorrect operation, power bank low on battery.	Ensure you are pressing and holding the power button for 2 seconds. Charge the power bank.

8. SPECIFICATIONS

Model Name	P512
Battery Capacity	20000mAh
Connector Type	Output: USB-C*2 + USB-A*1
Input (USB-C)	20W Max (for recharging power bank)
Output (Total)	22.5W Max
Special Features	Digital Display, Fast Charging, Flashlight, Over Charging Protection, Pocket Size
Battery Cell Type	Lithium Polymer
Dimensions (L x W x Th)	4.1" x 2.8" x 1.2" (10.4 x 7 x 2.9 cm)

Weight	11.1 oz (313.5 g)
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9. SAFETY INFORMATION

- Do not expose the power bank to fire, water, or extreme temperatures.
- Do not disassemble, crush, or puncture the power bank.
- Keep out of reach of children.
- Do not use the power bank if it is damaged, swollen, or leaking.
- Dispose of the power bank according to local regulations for electronic waste.
- Avoid using the power bank in environments with high humidity or dust.



Figure 9.1: The INIU P512 incorporates an 18-layer safety system for protection against various electrical issues.

10. WARRANTY AND SUPPORT

The INIU P512 Portable Charger comes with a **3-year hassle-free warranty**. If you encounter any quality issues within this period, please contact INIU customer support for assistance.

For further support, product information, or warranty claims, please visit the official INIU website or contact their customer service team through the details provided on their packaging or website.

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