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citricr AC-02D

citricr 12000mAh 22.5W Portable Charger User Manual

Model: AC-02D

1. INTRODUCTION

Thank you for choosing the citricr 12000mAh 22.5W Portable Charger. This device is designed to provide convenient and efficient power for your mobile devices, featuring built-in charging cables, an integrated AC wall plug, and a smart LED display. Please read this manual carefully to ensure proper use and optimal performance.

Compact and Portable

Easy to carry anywhere



5.9x2.67x1.02in



Weight: 0.8Lb



Figure 1: The citicr portable charger demonstrating its compact and portable design.

2. PRODUCT OVERVIEW

The citicr portable charger combines multiple charging functionalities into a single compact unit. It features a 12000mAh battery capacity, 22.5W fast charging, and a digital LED display for battery status.

Key Features:

- **Built-in AC Wall Plug:** For direct recharging from any standard wall outlet (100-240V).
- **Built-in Cables:** Includes a USB-C cable and an iOS-compatible cable for direct device charging.
- **Multiple Output Ports:** One USB-A (22.5W) and one USB-C (PD20W) port for versatile charging options.

- **Smart LED Digital Display:** Shows remaining battery percentage.
- **High Capacity:** 12000mAh provides multiple charges for most smartphones.
- **Fast Charging:** Supports PD3.0 and QC4.0 for rapid power delivery.
- **Safety Protections:** Integrated system guards against overcharging, short-circuiting, overheating, and over-discharging.

All in One Portable Charger



Figure 2: Overview of the portable charger's features, including the foldable wall plug, built-in cables, and various ports.

3. SETUP: INITIAL CHARGING

Before first use, fully charge your portable charger. There are two methods to recharge the power bank:

1. Using the Built-in AC Wall Plug:

Fold out the integrated AC wall plug and insert the power bank directly into a standard wall outlet (100-240V). The LED display will show the charging progress. A full charge typically takes approximately 5 hours.

2. Using the USB-C Input Port:

Connect a USB-C charging cable (Type-C to Type-C or Type-A to Type-C) to the power bank's USB-C port and the other end to a compatible power adapter. Using a PD18W Type-C charger can achieve a faster full charge in approximately 4 hours.

The power bank supports pass-through charging, allowing you to charge your devices while the power bank itself is being recharged.

Two Ways for Recharging

5 hrs
By Wall Plug



4 hrs
By Type C
(PD18W)



Figure 3: Two methods for recharging the power bank: via AC wall plug or USB-C input.

4. OPERATING INSTRUCTIONS: CHARGING YOUR DEVICES

The portable charger offers multiple ways to charge your electronic devices.

Using Built-in Cables:

- **Built-in USB-C Cable:** Pull out the integrated USB-C cable and connect it directly to your USB-C compatible device. This cable supports 22.5W fast charging.
- **Built-in iOS-Compatible Cable:** Pull out the integrated iOS-compatible cable and connect it directly

to your iPhone or iPad.

Using External Ports:

- **USB-A Output Port (22.5W):** Connect your device's USB-A charging cable to the USB-A output port on the power bank.
- **USB-C Output Port (PD20W):** Connect your device's USB-C charging cable to the USB-C port for Power Delivery (PD) fast charging. This port also functions as an input for recharging the power bank.

The power bank can charge multiple devices simultaneously using its various outputs. The smart LED display will activate to show the current battery level when a device is connected or when the power button is pressed.



Figure 4: The portable charger demonstrating its ability to charge multiple devices concurrently.

Fast Charging, Less Waiting

QC4.0 & PD3.0: Fast Charging for Android.
Samsung, and for Apple



22.5W Max



PD 20W



Figure 5: Illustration of fast charging capabilities, showing devices reaching significant charge levels quickly.

5. SMART LED DIGITAL DISPLAY

The front of the portable charger features a digital LED display that indicates the remaining battery percentage. This allows you to monitor the power bank's charge status and recharge it when necessary, ensuring you are always aware of available power.



Figure 6: The portable charger's LED display showing the battery percentage.

6. SPECIFICATIONS

Feature	Detail
Model Number	AC-02D
Battery Capacity	12000mAh
Product Dimensions	5.9 x 2.66 x 0.78 inches

Item Weight	3.53 ounces
AC Wall Plug Input	100-240V
USB-C Input/Output	PD18W (Input), PD20W (Output)
USB-A Output	22.5W
Built-in USB-C Cable Output	22.5W
Built-in iOS Cable Output	Standard Charging
Special Features	Built-in Cables, Built-in Wall Plug, Digital Display, Fast Charging

7. SAFETY INFORMATION

The citicr portable charger is equipped with an intelligent protection system to ensure safe and reliable operation for both the power bank and your connected devices.

Integrated Protections:

- **Overcharge Protection:** Prevents the battery from being charged beyond its capacity.
- **Over-discharge Protection:** Protects the battery from being fully depleted, extending its lifespan.
- **Short Circuit Protection:** Automatically cuts off power in case of a short circuit.
- **Overheating Protection:** Monitors internal temperature to prevent damage from excessive heat.
- **Overcurrent Protection:** Safeguards against excessive current flow.
- **Overvoltage Protection:** Protects against voltage surges.

This portable charger is airline-approved, making it suitable for travel. Always adhere to airline regulations regarding portable electronic devices.

Safe Charging Lasting Battery

Smart chip adjusts current for safe,
battery-friendly charging



Overdischarge
protection



Overcharge
protection



Short circuit
protection



Overheating
protection



Figure 7: Visual representation of the internal safety mechanisms.

8. MAINTENANCE

- Keep the power bank dry and away from moisture.
- Avoid exposing the device to extreme temperatures (hot or cold).
- Do not disassemble, puncture, or modify the power bank.
- Clean the device with a soft, dry cloth. Avoid using harsh chemicals.
- Store in a cool, dry place when not in use for extended periods.

9. TROUBLESHOOTING

Device Not Charging:

- Ensure the power bank has sufficient charge. Check the LED display.
- Verify that the charging cables are securely connected to both the power bank and your device.
- Try a different charging cable or port to rule out a faulty connection.

Slow Charging:

- Ensure your device supports fast charging and that you are using a compatible cable and port (e.g., USB-C PD20W or USB-A 22.5W).
- Charging multiple devices simultaneously may reduce the charging speed for individual devices.
- Check if the cable is damaged.

Power Bank Not Recharging:

- Ensure the AC wall plug is fully inserted into a live outlet.
- If using the USB-C input, verify the charging cable and wall adapter are functional.
- Check for any debris in the charging ports.

10. WARRANTY AND SUPPORT

Your citric portable charger comes with a **24-month replacement promise**. If you encounter any issues or have questions regarding your product, please do not hesitate to contact our customer support team for assistance.



Figure 8: 24-month replacement promise for the product.