

CUKTECH PB250

CUKTECH 25000mAh Power Bank PB250 User Manual

Model: PB250

1. INTRODUCTION

Thank you for choosing the CUKTECH 25000mAh Power Bank, model PB250. This portable power bank is designed to provide high-capacity, fast charging for a wide range of electronic devices, including laptops, smartphones, and tablets. With its multiple output ports and advanced safety features, it offers a reliable power solution for travel, work, and daily use.



Image 1.1: The CUKTECH 25000mAh Power Bank PB250, a portable charging device with a sleek grey finish, shown alongside two USB-C charging cables.

2. PACKAGE CONTENTS

Please check the package for the following items:

- CUKTECH 25000mAh Power Bank (PB250)
- 1 x 3.3ft USB-A to USB-C Charging Cable
- 1 x 1.6ft USB-C to USB-C Charging Cable
- User Manual (this document)

3. PRODUCT OVERVIEW

The CUKTECH PB250 features multiple ports for versatile charging and a digital display for real-time information.

3.1. Port Configuration

Ultra-Fast Charging

Say goodbye to long charging waits and stay productive wherever you are.



* Use our included A to C cable for fast charging.

Image 3.1: A detailed view of the CUKTECH PB250's charging ports, showing one USB-A port with a maximum output of 65W, one USB-C1 port with a maximum output of 100W, and one USB-C2 port with a maximum output of 45W.

- **USB-C1 Port (IN/OUT1):** Up to 100W Max input/output. Supports Power Delivery (PD) for fast charging compatible devices and recharging the power bank.
- **USB-A Port (OUT2):** Up to 65W Max output. Compatible with various devices requiring USB-A charging.
- **USB-C2 Port (IN2/OUT3):** Up to 45W Max input/output. Supports Power Delivery (PD) for charging devices and recharging the power bank.

3.2. Digital Display

The integrated digital display shows the remaining battery percentage of the power bank, allowing you to monitor its charge level at a glance.

4. SETUP

4.1. Initial Charging

Before first use, it is recommended to fully charge your CUKTECH PB250 Power Bank. Use a compatible USB-C power adapter (not included) and the provided USB-C to USB-C cable to connect the power bank's USB-C1 or USB-C2 port to a power source. The digital display will show the charging progress.

100W MAX Recharging

Allowing the power bank to charge it self to 60% in just 1 hour and 100% in 2.5 hours.

100W MAX



Image 4.1: The CUKTECH PB250 Power Bank connected to a power source via its USB-C port, illustrating its capability for 100W maximum recharging, reaching 60% in 1 hour and 100% in 2.5 hours.

A full charge typically takes approximately 2.5 hours when using a 100W Power Delivery charger.

5. OPERATION

5.1. Charging Your Devices

Connect your device to the appropriate port on the power bank using a compatible charging cable. The power bank

will automatically detect the device and begin charging.

- **For USB-C Devices:** Use the USB-C to USB-C cable to connect to either USB-C1 (up to 100W) or USB-C2 (up to 45W) ports.
- **For USB-A Devices:** Use the USB-A to compatible cable to connect to the USB-A port (up to 65W).

Charges a MacBook Pro

Provides power comparable to the MacBook Pro
100W charger.



reddot winner 2021
product design



70% Charging the MacBook Pro
to 70% in just 1 hour.



Image 5.1: The CUKTECH PB250 Power Bank connected to a MacBook Pro via a USB-C cable, demonstrating its ability to provide power comparable to a 100W MacBook Pro charger, charging the laptop to 70% in 1 hour.

5.2. Multi-Port Charging

The power bank supports simultaneous charging of up to three devices. The total output power will be dynamically distributed among the connected devices.

Triple-Port Fast Charging

All three ports are equipped with independent fast charging circuits.



MacBook Pro 16	100W MAX	0.7 Times
Surface Pro 9	60W MAX	1.3 Times
Samsung S24 Ultra	45W MAX	3.3 Times
iPad Air 2022	30W MAX	2.2 Times
iPhone 15 Pro Max	27W MAX	3.1 Times
Legion Go	100W MAX	1.2 Times

Image 5.2: The CUKTECH PB250 Power Bank simultaneously charging a MacBook Pro 16, a tablet, and a smartphone, illustrating its triple-port fast charging capability. A table shows charging capacities for various devices.

When multiple ports are in use, the power distribution may vary. Refer to the diagrams below for typical power distribution scenarios:

Single-Port Charging

Two-Port Charging

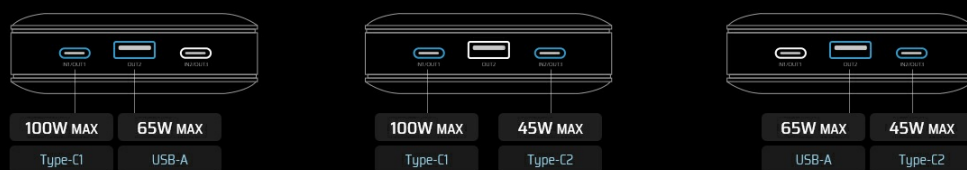


Image 5.3: Diagram illustrating the maximum power output when only one port is in use: USB-C1 at 100W Max, USB-A at 65W Max, and USB-C2 at 45W Max.

Two-Port Charging

Three-Port Charging

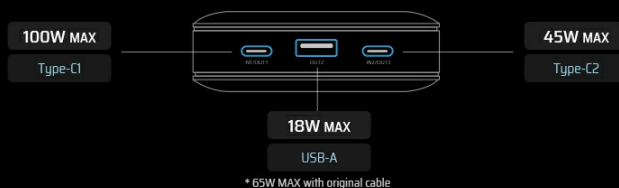


Image 5.4: Diagram detailing power distribution when two ports are used simultaneously: USB-C1 (100W Max) + USB-A (65W Max), USB-C1 (100W Max) + USB-C2 (45W Max), and USB-A (65W Max) + USB-C2 (45W Max).

Three-Port Charging

When all three ports are in use, the power bank will intelligently distribute power. The USB-A port will typically output 18W Max, while USB-C1 and USB-C2 will share the remaining power, with USB-C1 prioritizing higher output.

6. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the power bank. Avoid using harsh chemicals or abrasive materials.
- **Storage:** Store the power bank in a cool, dry place away from direct sunlight and extreme temperatures. If storing for extended periods, charge the power bank to approximately 50-70% every three months to maintain battery health.
- **Avoid Drops:** Do not drop or subject the power bank to strong impacts.

7. TROUBLESHOOTING

- **Power bank not charging:** Ensure the charging cable is securely connected to both the power bank and the

power adapter. Verify that the power adapter is functioning correctly and provides sufficient power (e.g., a 100W PD charger for optimal speed).

- **Device not charging:** Check if the power bank has sufficient charge. Ensure the charging cable is compatible with your device and securely connected. Try a different port or cable.
- **Slow charging:** Ensure you are using a fast-charging compatible cable and adapter. Some devices may limit charging speed based on their battery level or temperature. When multiple devices are connected, the total output is shared, which may reduce individual port speeds.
- **Digital display not working:** Press the power button briefly to activate the display. If it remains unresponsive, the power bank may require recharging or service.

8. SPECIFICATIONS

Feature	Detail
Model Number	PB250
Battery Capacity	25000mAh (90Wh)
USB-C1 Input/Output	100W Max (PD)
USB-C2 Input/Output	45W Max (PD)
USB-A Output	65W Max
Total Output	165W Max (shared)
Dimensions	7.4 x 3.2 x 1.1 inches (18.8 x 8.1 x 2.8 cm)
Weight	1.28 pounds (580g)
Battery Type	Lithium Ion
Special Features	Digital Display, Multiple Overheat Protections

9. SAFETY INFORMATION

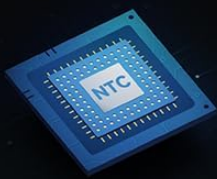
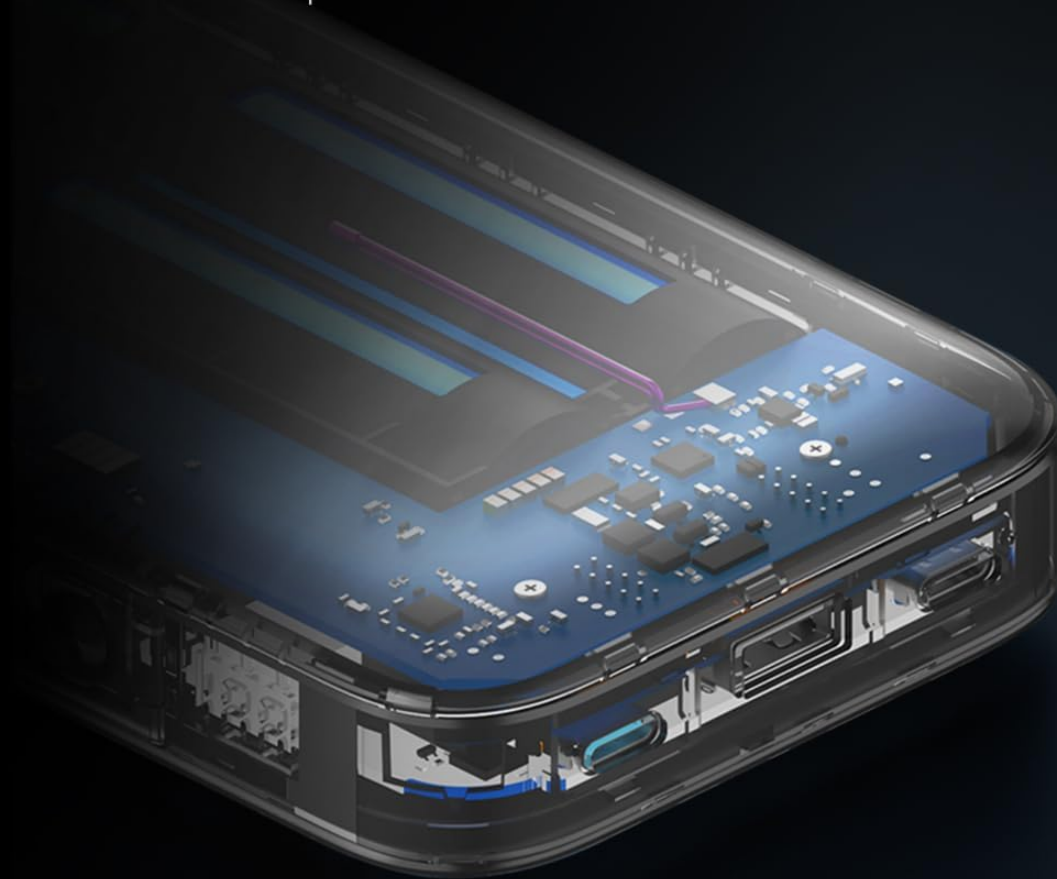
- Do not expose the power bank to extreme temperatures, direct sunlight, or fire.
- Do not disassemble, puncture, or modify the power bank.
- Keep out of reach of children.
- Avoid contact with water or other liquids.
- If the power bank swells, emits odor, or becomes excessively hot, discontinue use immediately.

9.1. Overheat Protection

The CUKTECH PB250 is equipped with five NTC sensors to provide comprehensive overheat protection for the battery cells and circuit board, ensuring safe operation.

Multiple Overheat Protections for Carefree Use

Equipped with five NTC sensors, it provides comprehensive overheat protection for the cells and circuit board.



Five NTC Sensors



Comprehensive Overheat Protection

Image 9.1: An internal view diagram of the CUKTECH PB250, highlighting the placement of five NTC sensors designed to provide comprehensive overheat protection for the internal components.

9.2. Air Travel Regulations

The CUKTECH PB250 has a battery capacity of 25000mAh (90Wh), which conforms to international aviation standards for carry-on luggage (typically under 100Wh). Always check with your airline for their specific regulations before traveling.

More Details

MacBook space gray reimaged.



Image 9.2: A person holding the CUKTECH PB250 Power Bank in an airport, indicating its compliance with flight regulations due to its battery power being less than 100Wh.

10. WARRANTY AND SUPPORT

10.1. Warranty Information

CUKTECH products typically come with a 24-month warranty against manufacturing defects. Please retain your proof of purchase for warranty claims. The warranty does not cover damage caused by misuse, accidents, unauthorized modifications, or normal wear and tear.

10.2. Customer Support

For any questions, technical support, or warranty inquiries, please contact CUKTECH customer service:

- **Email:** service@cuktech.com
- **Online Support:** Visit the official CUKTECH website for FAQs and additional support resources.

© 2025 CUKTECH. All rights reserved.

Related Documents - PB250



CUKTECH Power Bank
20000mAh 85W
User Manual

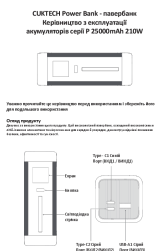
[CUKTECH Power Bank 20000mAh 85W PB200 User Manual](#)

Explore the CUKTECH Power Bank 20000mAh 85W (Model PB200). This high-capacity portable charger offers fast charging, multiple ports (USB-A, Type-C), advanced safety features, and wide device compatibility. Learn about its specifications and usage.



[CUKTECH PB100P Power Bank User Manual | 10000 mAh, 150W](#)

User manual and technical specifications for the CUKTECH PB100P Power Bank, featuring 10000 mAh capacity and 150W output. Learn about its features, functions, safety precautions, and technical details.



CUKTECH Power Bank P Series (Model P23) 25000mAh 210W: Посібник користувача

Детальний посібник користувача для CUKTECH Power Bank серії P, модель P23, ємністю 25000mAh та потужністю 210W. Дізнайтеся про функції, характеристики, безпечне використання та технічні специфікації пристрою.



[Portable Power Banks: Types, Features, and Troubleshooting Guide](#)

A comprehensive overview of portable power banks, detailing different battery types (Lithium-ion, NiMH, Lead-acid, Li-Po), key features like capacity and wattage, how they function, and solutions for common issues like overheating and reduced capacity.



CUKTECH Power Bank
P Series 25000mAh 210W
User Manual

[CUKTECH P Series 25000mAh 210W Power Bank User Manual](#)

Comprehensive user manual for the CUKTECH P Series 25000mAh 210W Power Bank. Learn about product overview, screen introduction, button functions, specifications, safety warnings, and precautions for optimal use.

[CUKTECH PB200N 20000mAh Power Bank User Manual](#)

User manual for the CUKTECH PB200N 20000mAh Power Bank. This guide provides detailed information on product features, specifications, how to recharge the power bank, charge devices, and use the low-current mode. It also includes technical requirements for the manual's printing and manufacturer details.

Documents - CUKTECH – PB250

[\[pdf\]](#) User Manual

E060A150101C PB250 1076275 power bank cuktech pb250 25000mah 210w seryj i allo ua media manual |||

CUKTECH Power Bank **PB250** 14000 mAh, 5V, 1.2A 3.4A 5V 1A - USB-C IN1/OUT1 2A - USB-A 2.3A - USB-C 2.3A 4A - 5V, 1.2A : **PB250** : 88.9/90.7 - 18.15 4.9/5 : 14 000 mAh 5/6 : USB-C : IN1 5A 9A 12A 15A 20A 5A...

lang:i-klinton **score:48** filesize: 178.87 K page_count: 4 document date: 2024-08-29

[\[pdf\]](#) User Manual

PB250 CUKTECH Power Bank 25000mAh 210W User Manual Please fully charge this product before its first use To or to other devices please choose an appropriate charger C1EHxNmFnTL m media amazon images I |||

CUKTECH Power Bank 25000mAh 210W User Manual Read this manual carefully before use, and retain it ... ct can automatically detect charge and discharge without key operation. 2 Specifications Model: **PB250** Battery Type: Lithium-ion Cell Battery Capacity Rated/Typical : 88.9Wh/90.7Wh 18.15V 4.9Ah/5...

lang:en score:39 filesize: 4.06 M page count: 31 document date: 2024-04-30