

CUKTECH PB100P

CUKTECH 100W Power Bank User Manual

Model: PB100P

1. PRODUCT OVERVIEW

The CUKTECH 100W Power Bank is a high-capacity portable charger designed for fast and efficient charging of a wide range of electronic devices, including laptops, smartphones, and tablets. Featuring a smart TFT display, it provides real-time information on charging status and battery levels.



Image: The CUKTECH 100W Power Bank, showcasing its sleek black design and included USB-C cables.

2. PACKAGE CONTENTS

Please check the package for the following items:

- CUKTECH 10 Power Bank (1 unit)
- 240W USB-C Cable (1 unit)
- User Manual (1 unit)

3. KEY FEATURES

- **100W Maximum Ultra-Fast Charging:** Delivers up to 100W output via USB-C, suitable for laptops, and optimized fast charging for smartphones and tablets.
- **Real-Time Smart TFT Display:** Provides live monitoring of voltage, current, power output, battery level, and estimated time for full charge/discharge.
- **90W MAX Rapid Self-Charging:** Allows the power bank to recharge quickly, reaching 55% capacity in approximately 15 minutes.
- **Wide Compatibility:** Supports various fast-charging protocols including PD, PPS, QC, FCP, and SCP for broad device support.
- **Enhanced Safety:** Constructed with a VO fire-resistant shell and incorporates nine layers of protection, meeting UL, CE, CB, and FCC safety certifications.
- **Portable and Compact Design:** Weighs approximately 10 ounces, making it convenient for travel and on-the-go use.



Image: Visual representation of the power bank's core features, highlighting its high power output and self-charging capabilities.

4. SETUP AND FIRST USE

Before using your CUKTECH 100W Power Bank for the first time, it is recommended to fully charge it.

4.1 Initial Charging of the Power Bank

1. Connect the included 240W USB-C cable to the USB-C port on the power bank.
2. Connect the other end of the USB-C cable to a compatible power adapter (minimum 90W Power Delivery (PD) protocol recommended for optimal speed).
3. The TFT display will activate, showing the charging progress and estimated time to full charge.
4. Once fully charged, the display will indicate 100%. Disconnect the power bank from the adapter.



Image: The power bank being self-charged, demonstrating its rapid 90W input capability.

5. OPERATING INSTRUCTIONS

5.1 Charging Your Devices

1. Identify the appropriate charging cable for your device (USB-C to USB-C or USB-A to your device's connector).
2. Connect one end of the cable to the corresponding output port (USB-C or USB-A) on the power bank.
3. Connect the other end of the cable to your device.
4. The power bank's TFT display will show the real-time charging status, including output voltage, current, and power.
5. Disconnect your device once it is fully charged or when you no longer need to charge it.



Image: The power bank in use, demonstrating its ability to fast charge multiple devices concurrently.

5.2 Understanding the Smart TFT Display

The color TFT display provides comprehensive information about the power bank's operation:

- **Battery Percentage:** Shows the remaining battery capacity.
- **Current (A) & Voltage (V):** Displays the real-time input (CIN) and output (AOUT) current and voltage.
- **Power (W):** Indicates the real-time power being drawn by or supplied to the power bank.

- **Remaining Time:** Estimates the time until the power bank is fully charged or fully discharged.
- **Charging/Discharging Port Icon:** Indicates which port is active.
- **Low-Current Charging:** An icon may appear to indicate when the power bank is in low-current charging mode, suitable for smaller devices like earbuds or smartwatches.



Image: Detailed view of the smart TFT display, explaining the various data points presented to the user.

6. COMPATIBILITY

The CUKTECH 100W Power Bank is designed for wide compatibility with various devices and fast-charging protocols. For optimal performance, ensure your device and cable support the necessary power delivery standards.

6.1 Mobile Device Compatibility

Supports fast charging for a wide range of smartphones, including but not limited to:

Mobile Compatibility Testing List					
Brand	iPhone	SAMSUNG	Google Pixel	OPPO	REDMI
Model	iPhone 16 Series iPhone 14-15 Series iPhone 12-13 Series ...	Samsung S24 Ultra Samsung S25 Ultra ...	Google Pixel 8 Google Pixel 9 Pro XL ...	OPPO Find N3 OPPO Reno 11 OPPO Find X7 OPPO Reno 9 ...	REDMI Note13 Series REDMI Note14 Series ...
Compatibility Protocol	PD	PD/PPS	PD/PPS	PD	Mipps
Power	20W-30W MAX	25W-45W MAX	24W MAX	18W MAX	120W MAX

*Only a selection of popular models is displayed. For more compatible models, please contact customer service for assistance. The above data comes from CUKTECH's internal laboratory tests.

Image: Compatibility chart for various mobile phone brands and their supported charging protocols and maximum power outputs.

Mobile Compatibility Testing List

Brand	HONOR	vivo	OnePlus	realme	iQOO
Model	HONOR Magic5 Pro HONOR Magic6 HONOR 200 HONOR 100 ...	vivo X200 vivo X100 vivo X90 ...	OnePlus Ace 2 Pro OnePlus ACE 3 OnePlus 12 ...	realme GT 5 realme 12 Pro+ ...	iQOO Neo8 iQOO Neo9 iQOO Z7 iQOO 11 iQOO 12 Pro iQOO 13 ...
Compatibility Protocol	PD/PPS	PD/PPS	PD	PD	PD/PPS
Power	18W-60W MAX	18W-45W MAX	18W MAX	18W MAX	18W-50W MAX

*Only a selection of popular models is displayed. For more compatible models, please contact customer service for assistance. The above data comes from CUKTECH's internal laboratory tests.

Image: Extended compatibility chart for additional mobile phone brands and their supported charging protocols and maximum power outputs.

6.2 Laptop Compatibility

Capable of charging many USB-C PD compatible laptops, including but not limited to:

Laptop Compatibility Testing List

Brand	MacBook (Apple)	Lenovo	Dell	ASUS
Model	MacBook Pro 16 MacBook Pro 13 MacBook Air MacBook Air 13 MacBook Pro 16 M1 Macbook Pro 16 M3 ...	ThinkBook 16+ Lenovo Xiaoxin Air14 Plus Thinkpad E15 ThinkPad R9000P ...	Dell Latitude 5420 Laptop DELL Inspiron 13 5330-R1808PTW Dell Inspiron Plus 14-7430 (14-inch) ...	VivoBook S S3402Z ASUS Vivobook 16 2023 ...

*Only a selection of popular models is displayed. For more compatible models, please contact customer service for assistance. The above data comes from CUKTECH's internal laboratory tests.

Image: Compatibility chart for various laptop brands and models that can be charged by the power bank.

Laptop Compatibility Testing List

Brand	HP	MSI	Acer
Model	EliteBook 640 G9 (Thanos14) ZBook Firefly 16 G10 (WargW16) HP Elitebook 630G9 13.3 HP Zhan 66 Gen 6 (Ryzen Edition) ...	MSI Prestige 13Evo A13M-041TW ...	Swift X SFX14-71G-74EQ ...

*Only a selection of popular models is displayed. For more compatible models, please contact customer service for assistance. The above data comes from CUKTECH's internal laboratory tests.

Image: Extended compatibility chart for additional laptop brands and models.

7. SAFETY INFORMATION

To ensure safe operation and prolong the lifespan of your CUKTECH 100W Power Bank, please adhere to the following safety guidelines:

- Do not expose the power bank to extreme temperatures (hot or cold), direct sunlight, or high humidity.
- Avoid dropping, impacting, or disassembling the device.
- Keep away from water and flammable materials.
- Use only the included cable or certified cables for charging the power bank and your devices.
- Do not operate if the power bank is damaged.
- Keep out of reach of children.
- Dispose of the product responsibly according to local regulations.



Image: Visual representation of the comprehensive safety protections integrated into the power bank's design.

8. MAINTENANCE

- Clean the power bank with a soft, dry cloth. Do not use liquid cleaners or aerosols.
- Store the power bank in a cool, dry place when not in use.
- For long-term storage, it is recommended to charge the power bank to approximately 50-70% every three months to maintain battery health.

9. TROUBLESHOOTING

Problem	Possible Cause	Solution
Power bank not charging devices.	Low battery on power bank; incorrect cable; device not compatible; cable connection issue.	Recharge power bank; ensure cable is fully inserted and functional; verify device compatibility; try a different cable.
Power bank not self-charging.	Charging adapter not powerful enough; cable issue; port issue.	Use a PD-compatible adapter (90W recommended); try a different USB-C cable; ensure cable is fully inserted.

Problem	Possible Cause	Solution
Display is blank or unresponsive.	Power bank is off; battery completely depleted; internal error.	Connect to a power source to activate; if still unresponsive, contact customer support.
Slow charging speed.	Cable not supporting fast charging; device not supporting fast charging; multiple devices charging simultaneously.	Use the included 240W USB-C cable or another high-quality fast-charging cable; ensure your device supports fast charging protocols; charge one device at a time for maximum speed.

10. SPECIFICATIONS

Feature	Detail
Model Number	PB100P
Battery Capacity	10000 mAh
Max Output Power	100W (USB-C)
Max Self-Charging Power	90W
Connector Types	USB Type C, USB Type A
Display Type	Smart TFT Display
Product Dimensions	6.3 x 2.17 x 2.17 inches
Item Weight	10.1 ounces
Safety Certifications	UL, CE, CB, FCC

11. WARRANTY AND SUPPORT

CUKTECH provides comprehensive support for its products.

- Warranty:** This product comes with an 18-month warranty against manufacturing defects.
- Customer Support:** 24/7 customer support is available to assist you with any inquiries or issues.
- After-Sales Support:** For after-sales assistance, please contact us via email at service@cuktech.com.

Service Support



24/7 Customer Support

Always here to assist you



18-Month Warranty

Against Manufacturing Defects



After-Sales Support Mailbox

Reach us at service@cuktech.com

Image: Overview of CUKTECH's customer service and warranty information.

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Documents - CUKTECH – PB100P



CUKTECH Power Bank
P Series 10000mAh 150W
User Manual

[CUKTECH Power Bank P Series 10000mAh 150W User Manual](#)

User manual for the CUKTECH Power Bank P Series 10000mAh 150W, detailing product features, screen introduction, specifications, button functions, warnings, and precautions.

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