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CUKTECH PB100

CUKTECH 30W Mini Power Bank User Manual

Model: PB100

1. INTRODUCTION

Thank you for choosing the CUKTECH 30W Mini Power Bank. This portable charger is designed to provide efficient and fast charging for your mobile devices on the go. Its compact size and dual-charging capabilities make it an ideal companion for daily use. Please read this manual thoroughly before using the product to ensure safe and optimal performance.



Image: The CUKTECH 30W Mini Power Bank, showcasing its compact design and pink color.

2. WHAT'S IN THE BOX

Upon unboxing your CUKTECH 30W Mini Power Bank, please verify that all the following items are included:

- CUKTECH 30W Mini Power Bank (PB100)
- 0.98ft (approximately 30cm) 60W charging cable
- User Manual (this document)



Image: The CUKTECH 30W Mini Power Bank shown alongside its included charging cable, representing the typical contents of the product package.

3. PRODUCT FEATURES

- **Mini Appearance for Enhanced Portability:** Sized comparably to a credit card and weighing approximately 6.9 oz (195g), this power bank is designed for easy carrying.
- **Two-Way 30W Fast Charging:** Supports both fast input and output, allowing for quick recharging of the power bank and rapid charging of connected devices.
- **Dynamic Pulse Light Strips:** An integrated light strip visually indicates the power bank's battery level, providing a clear and convenient status update.
- **Compact Yet Durable:** Features a 10,000mAh capacity, capable of charging devices multiple times. Constructed with automotive-grade 21700 power cells for durability and safety.
- **Prioritizing Safety:** Equipped with real-time battery temperature monitoring and multiple safety certifications (UL, CE, CB, FCC) to ensure reliable and safe operation.



Image: An overview of the power bank's key features, highlighting its compact size, 30W charging capability, 21700 power cells, dual charging, and extended battery life.

Sized like A Credit Card

Front area comparable to a credit card, weighing only 6.9oz for easy portability.

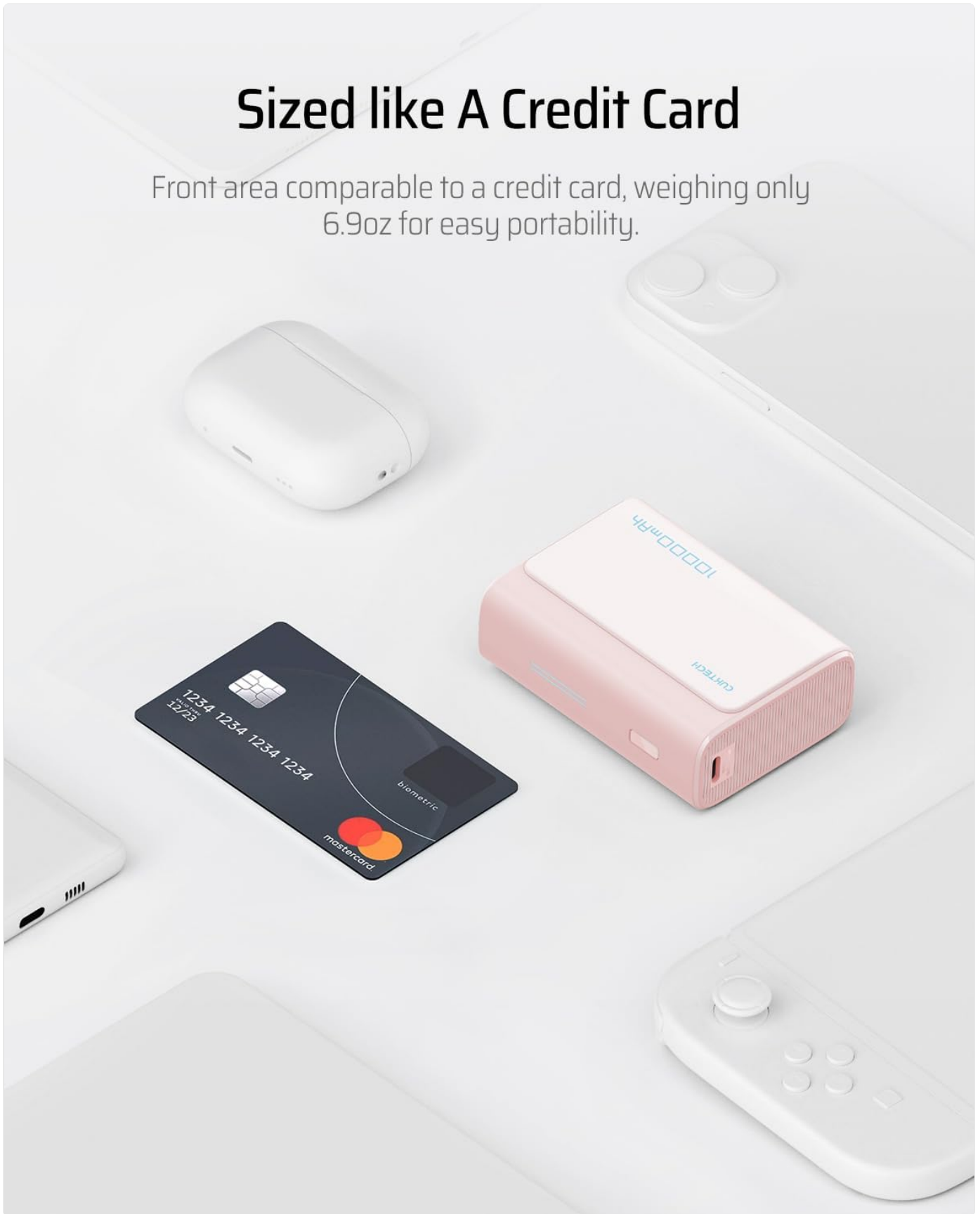


Image: The power bank is shown next to a credit card, illustrating its compact, credit-card-like dimensions for easy portability.

4. SETUP

4.1 Initial Charging of the Power Bank

1. Connect the provided USB-C charging cable to the USB-C input port on the power bank.
2. Connect the other end of the cable to a compatible USB power adapter (not included) or a computer's USB port. For

fastest charging, use a 30W or higher PD (Power Delivery) compatible adapter.

3. The dynamic pulse light strips will illuminate to indicate charging status. Allow the power bank to fully charge before first use.

4.2 Checking Battery Level

The dynamic pulse light strips on the power bank indicate the remaining battery level. Refer to the product's visual indicators for current charge status.

5. OPERATING INSTRUCTIONS

5.1 Charging Your Devices

1. Connect your device's charging cable to either the USB-A or USB-C output port on the power bank.
2. Connect the other end of the cable to your device.
3. The power bank will automatically begin charging your device. The dynamic pulse light strips will indicate active charging.

Charge Two Devices Simultaneously

Enhanced charging efficiency while on the go.

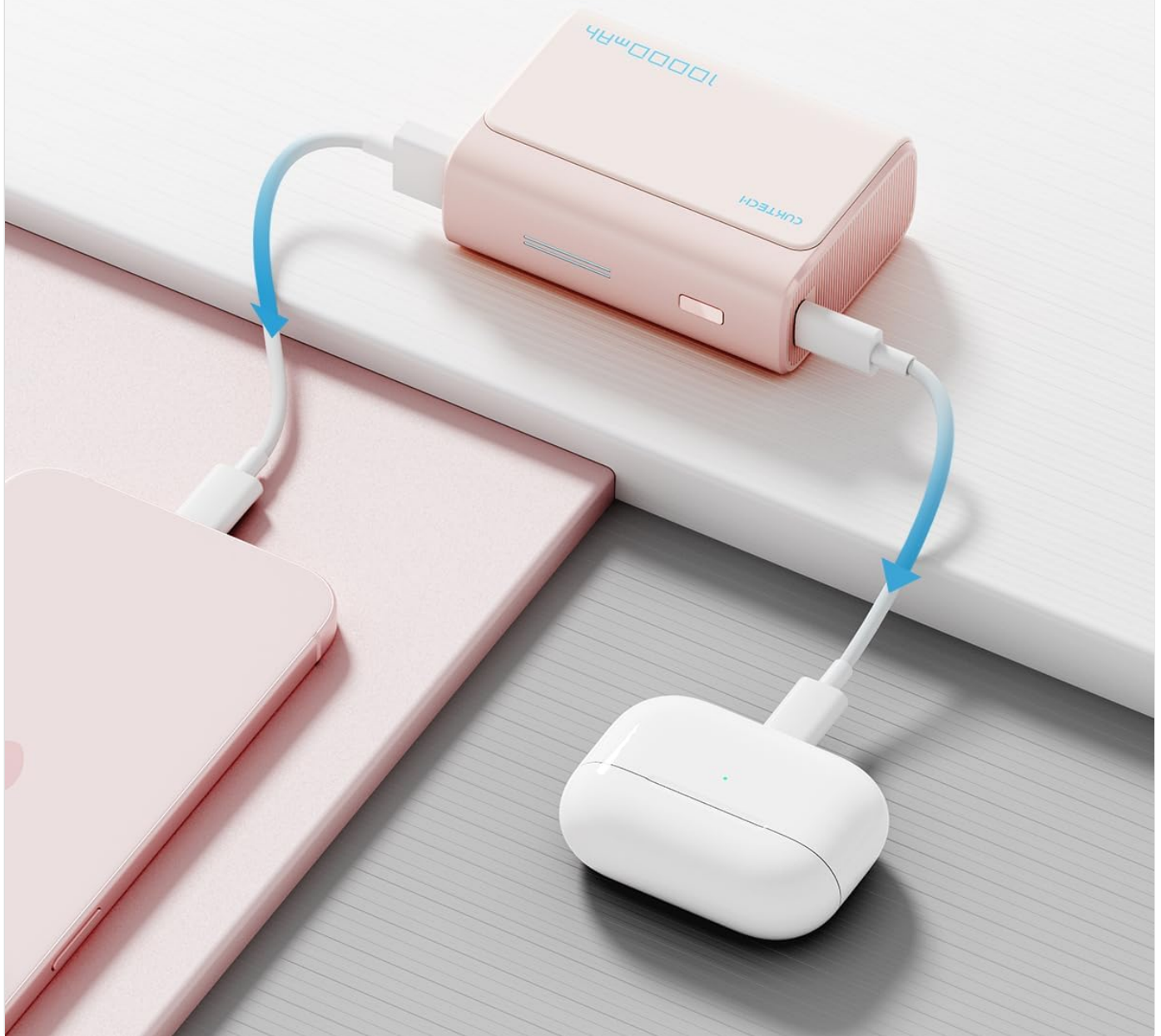


Image: The power bank is shown connected to and simultaneously charging two devices, a smartphone and wireless earbuds, demonstrating its dual-charging capability.

5.2 Low-Current Charging Mode

For charging low-power devices such as wireless earbuds, smartwatches, or fitness trackers, activate the low-current charging mode.

- Double-click the power button on the side of the power bank to enter low-current mode.

- Connect your low-power device.
- To exit low-current mode, double-click the power button again, or the mode will automatically deactivate after a period of time.

Supports Low-Current Charging

Double-click the power button to enter low-current mode.
Addressing your everyday charging needs.



Image: The power bank is depicted charging small devices like wireless earbuds and a smartwatch, illustrating its low-current charging capability.

6. CHARGING INFORMATION

The CUKTECH 30W Mini Power Bank supports fast charging for a wide range of devices, offering efficient power delivery.

6.1 Fast Charging Performance

The power bank can charge an iPhone 15 up to 58% in approximately 30 minutes, which is significantly faster than standard 5W chargers.

Dual 30W MAX High Power In and OUT

Get 58% battery in just 30 minutes.



Image: A visual representation comparing the charging speed of the CUKTECH Power Bank (58% in 30 minutes) versus a standard 5W power bank (20% in 30 minutes).

6.2 Extended Battery Life

With its 10,000mAh capacity, the power bank can extend the usage time of your devices considerably. For example, it can boost iPhone 15 video playtime by approximately 34 hours.

34-hour Extended Battery Life

10,000mAh large capacity meets multiple charging needs.



about **1.8** times
iPhone 15



about **1.7** times
Samsung S24 Ultra



about **0.9** times
iPad Air 5 (A2588)

Image: Illustration showing the 10,000mAh capacity provides approximately 34 hours of extended battery life, with examples of how many times it can charge an iPhone 15, Samsung S24 Ultra, and iPad Air 5.

7. COMPATIBILITY

The CUKTECH 30W Mini Power Bank is broadly compatible with a variety of devices, including but not limited to:

- **iPhone Series:** iPhone 16, 15, 14, 13, 12 Series

- **Samsung Series:** Galaxy S24, S23, S22 Series
- **iPad Series:** iPad Air, iPad mini (various generations)
- **Other Devices:** AirPods, and other USB-A/USB-C compatible devices.

Universal Compatibility

iPhone Series



iPhone 15 Series



iPhone 14 Series



iPhone 13 Series



iPhone 12 Series

Samsung Series



Galaxy S24 Ultra



Galaxy S24



Galaxy S23 Ultra



Galaxy S23

iPad Series



iPad Air 5



iPad Air 4



iPad mini 5



iPad mini 4

Surface Pro 9



AirPods



AirPods Pro 2



AirPods Pro 3

Image: A chart detailing the universal compatibility of the power bank with various iPhone, Samsung, iPad, Surface Pro, and AirPods models.

7.1 Max Output for Each Port

The power bank provides specific maximum outputs for its ports to optimize charging for different devices:

Port Type	Device Example	Max Output
USB-C Output	iPhone 15 Pro Max	27W MAX
USB-C Output	Samsung S24 Ultra	25W MAX
USB-C Output	iPad Air 5 (A2580)	30W MAX
USB-C Output	MacBook Air (A2337) M1	30W MAX
USB-A Output	Xiaomi 14	22.5W MAX
USB-A Output	Samsung S24 Ultra	18W MAX

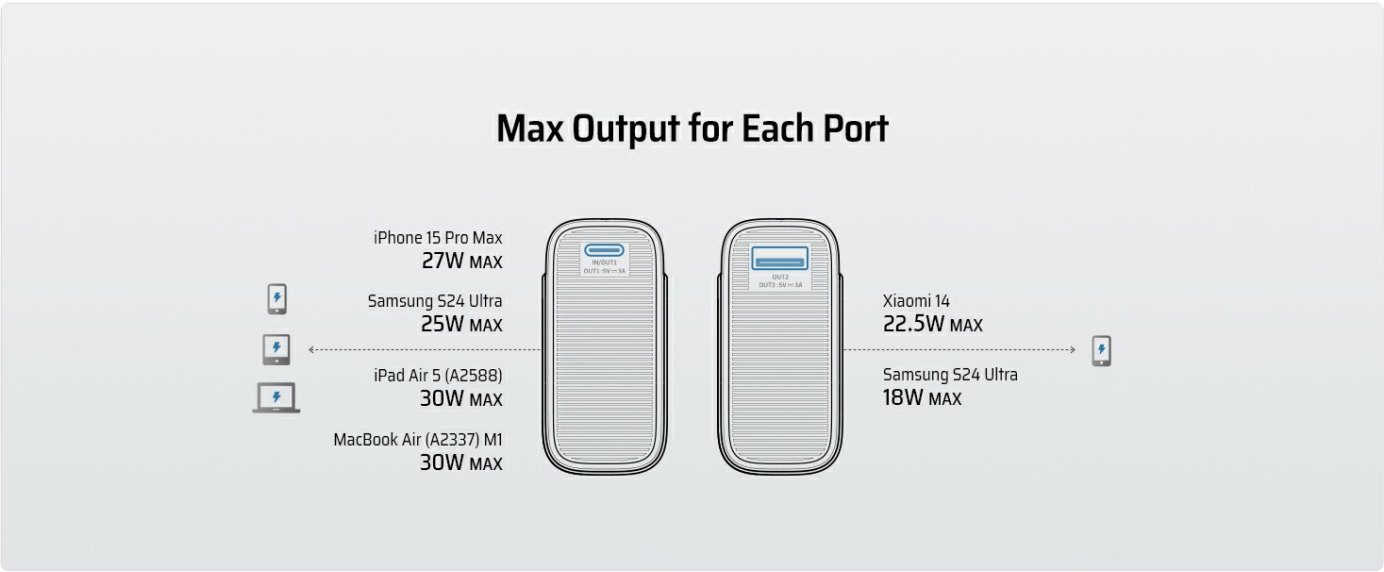


Image: A diagram illustrating the maximum power output for both the USB-C and USB-A ports, with examples of compatible devices and their respective charging wattages.

8. SAFETY INFORMATION

Your safety is paramount. The CUKTECH 30W Mini Power Bank incorporates multiple protection mechanisms to ensure safe operation. Please adhere to the following guidelines:

- Do not expose the power bank to extreme temperatures (hot or cold), direct sunlight, or humid environments.
- Avoid dropping, disassembling, or attempting to repair the device yourself.
- Keep away from water and flammable liquids.
- Do not use if the power bank is damaged or swollen.
- Dispose of the product responsibly according to local regulations.

8.1 Built-in Safety Protections

The power bank is equipped with comprehensive safety features, including:

- Temperature Protection
- Short Circuit Protection
- Reset Protection
- Input Overcurrent Protection

- Input Overvoltage Protection
- Output Overvoltage Protection
- Overcurrent and Short Circuit Protection
- Output Overcurrent Protection
- Overcharge and Overdischarge Protection

Safety Protection

Built-in NTC temperature monitoring actively checks the core temperature of the battery, ensuring safe usage.

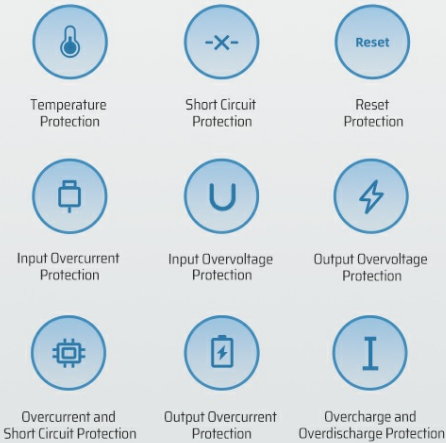


Image: A graphic displaying icons for various safety protections, including temperature, short circuit, reset, input overcurrent, input overvoltage, output overvoltage, overcurrent, and overcharge/overdischarge protection.

9. MAINTENANCE

To ensure the longevity and optimal performance of your CUKTECH 30W Mini Power Bank, follow these maintenance tips:

- Clean the power bank with a soft, dry cloth. Do not use harsh chemicals or abrasive materials.
- Store the power bank in a cool, dry place when not in use.
- If storing for extended periods, charge the power bank to approximately 50-75% every three months to preserve battery health.
- Avoid exposing the ports to dust or debris.

10. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
Power bank not charging	Cable or adapter issue; power bank fully charged; faulty port.	Try a different charging cable and adapter. Ensure the power bank is not already full. Check for debris in the charging port.
Device not charging from power bank	Power bank battery low; incorrect cable; device not compatible; low-current mode needed.	Recharge the power bank. Use the correct charging cable for your device. Ensure your device is compatible. Try activating low-current mode for small devices.

Problem	Possible Cause	Solution
Slow charging	Cable not fast-charge compatible; device not supporting fast charge; multiple devices charging.	Use a fast-charging compatible cable. Ensure your device supports fast charging. Charging multiple devices simultaneously may reduce individual charging speeds.
Power bank turns off unexpectedly	Overload protection activated; battery depleted.	Reduce the number of connected devices or the power draw. Recharge the power bank.

11. SPECIFICATIONS

Specification	Detail
Model Number	PB100
Battery Capacity	10,000 Milliamp Hours (mAh)
Product Dimensions	2.27 x 3.15 x 1.12 inches (5.77 x 8.00 x 2.84 cm)
Item Weight	7 ounces (198 grams)
Connector Type	USB Type A, USB Type C
Special Features	Dynamic Pulse Light Strips, Fast Charging, Lightweight, Pocket Size
Manufacturer	NanJing CUKTECH Electronics Technology Co., Ltd.
Batteries	1 Lithium Ion battery required (included)



Image: The side of the product packaging displaying detailed specifications and features of the CUKTECH 30W Mini Power Bank.

12. WARRANTY AND SUPPORT

CUKTECH is committed to providing high-quality products and excellent customer service.

12.1 Warranty Information

The CUKTECH 30W Mini Power Bank comes with an**18-month warranty** against manufacturing defects.

12.2 Customer Support

For any inquiries, technical assistance, or warranty claims, please contact CUKTECH customer support:

- **24/7 Customer Support:** Available to assist you.
- **After-Sales Support Email:** service@cuktech.com



Image: A graphic detailing CUKTECH's service support, including 24/7 customer support, an 18-month warranty, and the after-sales support email address.