UGREEN PB552

UGREEN Nexode 25000mAh 165W Power Bank Instruction Manual (Model PB552)

Your comprehensive guide to operating and maintaining your UGREEN Nexode Power Bank.

1. Product Overview

The UGREEN Nexode 25000mAh 165W Power Bank (Model PB552) is a high-capacity portable charger designed to provide fast and efficient power to multiple devices, including laptops, smartphones, and tablets. It features dual built-in USB-C cables for convenience and a comprehensive safety system.


165w
25000mAh
Power Bank
UGREEN

Image 1.1: UGREEN Nexode 25000mAh 165W Power Bank with built-in cables.

2. Key Features

- **Built-in Dual USB-C Cables:** Two integrated USB-C cables expand for use and store neatly, ensuring a clutter-free experience.
- **165W Max Output:** Capable of up to 140W single-port output and 165W total output for multi-device fast charging.
- **90W Fast Recharging:** Fully recharges the 25,000mAh capacity in approximately 2 hours.
- **25000mAh Large Capacity:** Provides extended power for laptops and multiple charges for phones and smaller devices.
- **Advanced Safety Protection:** Equipped with protection against overcurrent, overheating, and short circuits for reliable performance.

3. Package Contents

- UGREEN Nexode 25000mAh 165W Power Bank (Model PB552)
- USB-C to USB-C Charging Cable (for recharging the power bank)
- User Manual
- Storage Pouch

4. Product Diagram



Image 4.1: Overview of the UGREEN Nexode Power Bank highlighting its dual built-in USB-C cables.

The power bank features two built-in USB-C cables that can be extended for use and retracted for storage. Additionally, it includes multiple ports for versatile charging options.

- **Built-in USB-C Cable 1:** Supports up to 140W output.
- **Built-in USB-C Cable 2:** Supports up to 65W output.

- **USB-C Port (Input/Output):** For charging the power bank or devices.
- **USB-A Port (Output):** For charging compatible devices.
- **Power Button/Display Control:** Activates the display and controls trickle charging mode.

5. Setup

5.1 Initial Charging of the Power Bank

Before first use, it is recommended to fully charge the power bank to 100%. Use a compatible USB-C wall charger (not included) with at least 90W output for the fastest charging experience. The power bank's display will show the charging progress.

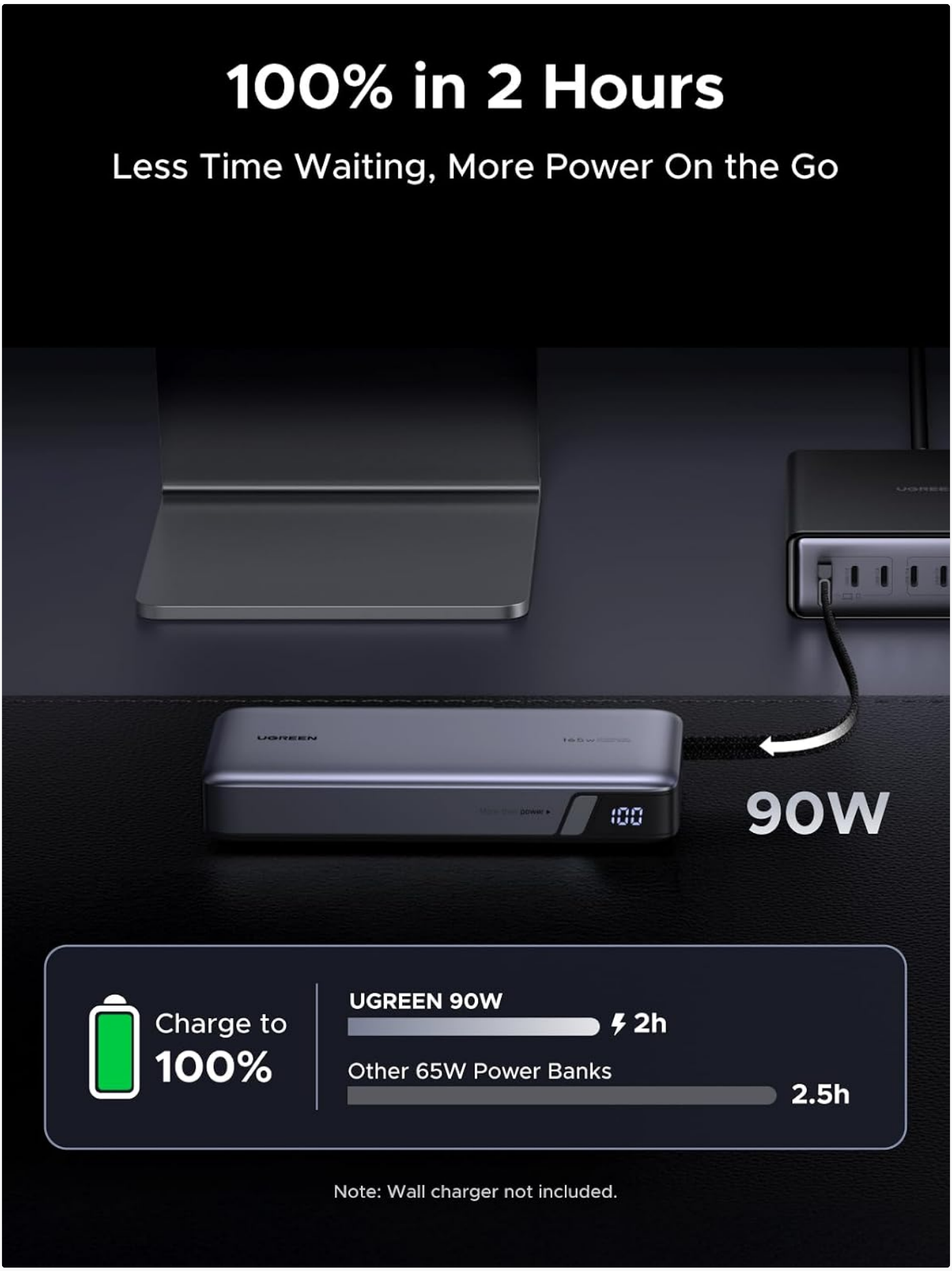


Image 5.1: The power bank can be fully recharged in approximately 2 hours with a 90W charger.

6. Operating Instructions

6.1 Charging Your Devices

Connect your device to the power bank using one of the built-in USB-C cables or an external cable via the USB-C or USB-A ports. The power bank will automatically detect and begin charging your device.

- For optimal fast charging, ensure your device and cable support the required power delivery (e.g., 140W for certain laptops).
- The power bank can charge up to four devices simultaneously, distributing the total 165W output across the connected devices.

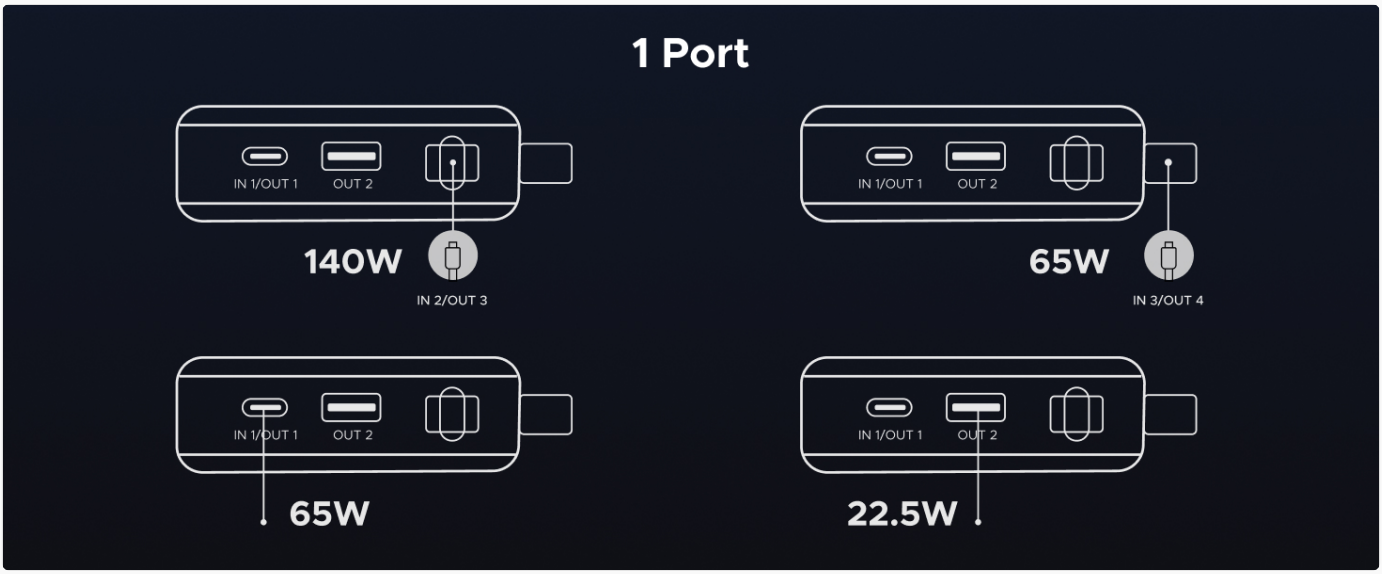


Image 6.1: The power bank can charge multiple devices at once.

6.2 Trickle Charging Mode (Low-Current Devices)

For charging low-current devices such as headphones, smartwatches, or other small electronics, activate trickle charging mode. Press and hold the power button for approximately 3 seconds until a specific indicator appears on the display (refer to the display for visual confirmation). This mode ensures safe and optimized charging for sensitive devices.

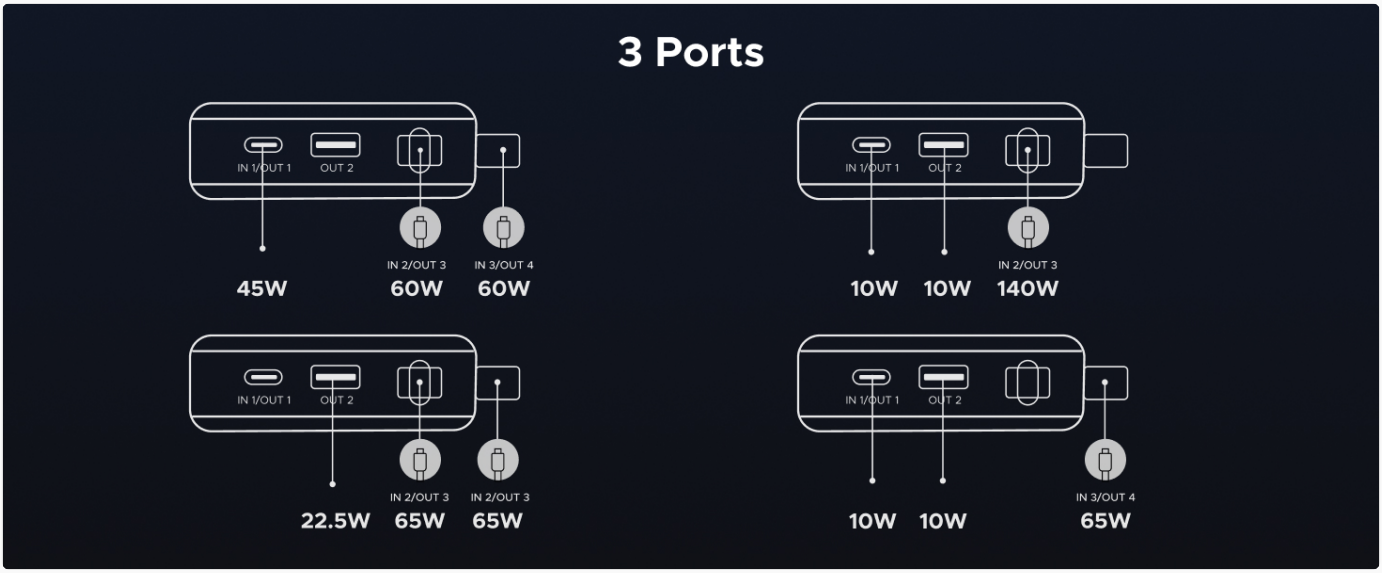


Image 6.2: Trickle charging mode for low-current devices.

7. Safety Information

The UGREEN Nexode Power Bank incorporates an advanced multi-protection system to ensure safe operation:

- Overvoltage Protection
- Surge Protection
- Overload Protection
- Overdischarge Protection
- Overheat Protection
- Short-Circuit Protection

The device features a flame-retardant shell with metallic coating for enhanced durability and safety.



Image 7.1: Visual representation of the multi-protection system.

8. Specifications

Feature	Detail
Model Number	PB552
Battery Capacity	25000mAh
Max Output	165W (Total)
Single Port Output (Max)	140W
Recharging Input (Max)	90W
Built-in Cables	2 x USB-C
Additional Ports	1 x USB-C (Input/Output), 1 x USB-A (Output)
Dimensions	16.9 x 8.07 x 2.67 cm
Weight	550 g
Battery Cell Composition	Lithium Polymer

9. Troubleshooting

- **Why does my power bank provide less power than expected?**

  During use, some energy is lost due to voltage conversion (3.7V → 5V) and internal heat, typically 30–45%. For example, a 20,000mAh power bank usually delivers 11,000–13,000mAh, which is standard across the industry.
- **Can I take this power bank on a plane?**

  Yes. This power bank has passed the UN38.3 test, the safety standard required by ICAO and IATA for lithium batteries in air transport.
- **Instructions before use for better battery level accuracy:**

  Fully discharge to 0%, then charge to 100% without stopping.

10. Warranty and Support

For warranty information, technical support, or customer service inquiries, please refer to the contact details provided in the product packaging or visit the official UGREEN website. Keep your purchase receipt for warranty claims.

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Ask a question about this manual

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

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