

UGREEN PB551

UGREEN Nexode 145W 20000mAh Power Bank (Model PB551) User Manual

Model: PB551

1. INTRODUCTION

Thank you for choosing the UGREEN Nexode 145W 20000mAh Power Bank. This portable charger is designed to provide high-speed charging for a wide range of devices, including laptops, tablets, and smartphones, with its 145W total output and 20000mAh capacity. This manual provides essential information for the safe and efficient use of your power bank.

2. SAFETY INFORMATION

- Do not expose the power bank to extreme temperatures, direct sunlight, or fire.
- Avoid dropping, hitting, or disassembling the device.
- Keep the power bank away from water and other liquids.
- Use only certified charging cables and adapters.
- Keep out of reach of children.
- If the power bank swells, emits an odor, or becomes hot during use or charging, discontinue use immediately.

3. PACKAGE CONTENTS

- UGREEN Nexode 145W 20000mAh Power Bank (Model PB551)
- USB-C to USB-C Charging Cable
- User Manual

4. PRODUCT OVERVIEW

The UGREEN Nexode Power Bank features multiple ports and a digital display for convenience.





Image: The UGREEN Nexode 145W 20000mAh Power Bank, showcasing its compact design and digital display.



Image: An overview of the UGREEN Nexode Power Bank, highlighting its 20000mAh capacity, 100W max single port output, 80W fast recharging, 3-in-1 functionality, smart digital display, and built-in USB-C cable.

Port Configuration:

- **Built-in USB-C Cable:** Provides up to 100W output.
- **USB-C Port:** Provides up to 45W output.
- **USB-A Port:** Provides up to 22.5W output.

The digital display shows the remaining battery percentage.

5. SETUP

Initial Charging of the Power Bank:

Before first use, it is recommended to fully charge the power bank. This ensures optimal battery calibration and performance.

1. Connect the power bank to a wall charger (not included, 65W PD or above recommended for fastest charging) using the built-in USB-C cable or an external USB-C to USB-C cable.
2. The digital display will show the charging progress.
3. Charging is complete when the display shows 100%.

Fast Recharge in 1.5 Hours



80W



Note:1.Product data is calculated from engineering formulas, actual performance may vary.
2.Recommended to use PD 65W or above charger (not included).

Image: The UGREEN Nexode Power Bank being recharged via an 80W adapter, illustrating a fast recharge time of 1.5 hours to full capacity.

6. OPERATING INSTRUCTIONS

Charging Your Devices:

The power bank supports charging multiple devices simultaneously.

1. Connect your device to the power bank using the appropriate cable (built-in USB-C, external USB-C, or USB-A).

2. The power bank will automatically begin charging your device. The digital display will show the remaining battery level.



Image: The UGREEN Nexode Power Bank providing 100W to a laptop and 45W to a smartphone, demonstrating its 145W maximum output with two USB-C ports.

100W High-Speed Charge

30 mins **0-43%**
(MacBook Pro 16")

100W

USB-C1 Port



Image: The UGREEN Nexode Power Bank delivering a 100W high-speed charge to a MacBook Pro 16", reaching 43% in 30 minutes via the USB-C1 port.



Charge 3 Devices at Once



Built-In C Cable



USB-C Port



USB-A

Image: The UGREEN Nexode Power Bank simultaneously charging a laptop, a smartphone, and wireless earbuds using its built-in USB-C cable, USB-C port, and USB-A port.

Low Current Mode:

For charging low-power devices such as smartwatches or wireless earbuds, activate the low current mode to prevent overcharging or premature disconnection.

- Press and hold the power button for 3 seconds to activate or deactivate the small-current mode.

Perfect Compatible for Small-Current Devices

Charge without Disconnecting

*Press the button for 3 seconds to active/deactive the small-current mode.



Image: The UGREEN Nexode Power Bank charging wireless earbuds and a smartwatch, demonstrating its compatibility with small-current devices without disconnecting.

Pass-Through Charging:

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

Charge Your Phone While Recharging the Powerbank



Image: The UGREEN Nexode Power Bank connected to a wall outlet for recharging, simultaneously charging a smartphone.

7. MAINTENANCE

- Clean the power bank with a dry, soft cloth. Do not use abrasive cleaners or solvents.
- Store the power bank in a cool, dry place when not in use.
- To prolong battery life, fully charge and discharge the power bank at least once every three months.

8. TROUBLESHOOTING

Q1: 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 20000mAh power bank usually delivers 11000-13000mAh, which is standard across the industry.

Q2: 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. Its 72Wh capacity is within the typical airline limits for carry-on luggage.

Q3: Instructions before use

For better battery level accuracy, we suggest: Fully discharging to 0% then charging to 100% without stopping.

9. SPECIFICATIONS

| Feature | Detail |
|--------------------------------|---|
| Model Number | PB551 |
| Battery Capacity | 20000 Milliamp Hours (72Wh) |
| Total Output | 145W Max |
| USB-C1 Output (Built-in Cable) | 100W Max |
| USB-C2 Output (Port) | 45W Max |
| USB-A Output (Port) | 22.5W Max |
| Input (USB-C) | 80W Max |
| Product Dimensions | 5.47 x 3.15 x 1.06 inches |
| Item Weight | 15.9 ounces |
| Special Features | Built-in USB-C Cable, Digital Display, Low Current Mode |

10. WARRANTY AND SUPPORT

UGREEN products come with a standard manufacturer's warranty. For detailed warranty information, product support, or technical assistance, please refer to the warranty card included with your purchase or visit the official UGREEN website. You may also contact UGREEN customer service directly through their support channels.

