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> UGREEN Magflow Air 5000mAh Qi2 Power Bank User Manual

UGREEN PB580

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Model: PB580

1. INTRODUCTION

The UGREEN Magflow Air 5000mAh Qi2 Power Bank is a compact and efficient portable charging solution. It features 15W Qi2 wireless charging, 20W Power Delivery (PD) fast charging via USB-C, and strong magnetic attachment compatible with MagSafe devices. Its ultra-slim design makes it convenient for daily use and travel.

2. PACKAGE CONTENTS

- 1 × UGREEN Magflow Air Qi2 15W Magnetic Power Bank
- 1 × User Manual
- 1 × USB-C Charging Cable

Package Contents

1 × MagFlow Air Qi2 15W Magnetic Power Bank
1x User Manual
1 × USB-C Charging Cable



Image: Contents of the UGREEN Magflow Air Power Bank package, including the power bank, user manual, and USB-C charging cable.

3. PRODUCT OVERVIEW

Familiarize yourself with the key components of your UGREEN Magflow Air Power Bank.

Three Colors. One Clean Look

Made to match your iPhone.



Image: The bottom edge of the power bank, highlighting the USB-C port and the LED battery status indicators.

- **USB-C Port:** For charging the power bank and wired device charging.
- **LED Indicators:** Display battery level and charging status.
- **Power Button:** Activates wireless charging and trickle charge mode.
- **Magnetic Charging Surface:** For wireless charging of compatible devices.

Smart LED Indicator

Check the battery status at a glance.



- ● ● ● 0 - 25% (<5%: Flashing)
- ○ ● ● 26 - 50%
- ○ ○ ● 51 - 75%
- ○ ○ ○ 76 - 100%
-  Magnetic Wireless Charging Indicator

Image: A visual guide to the LED indicators, showing battery levels (0-25%, 26-50%, 51-75%, 76-100%) and a magnetic wireless charging indicator.

LED Indicator Status:

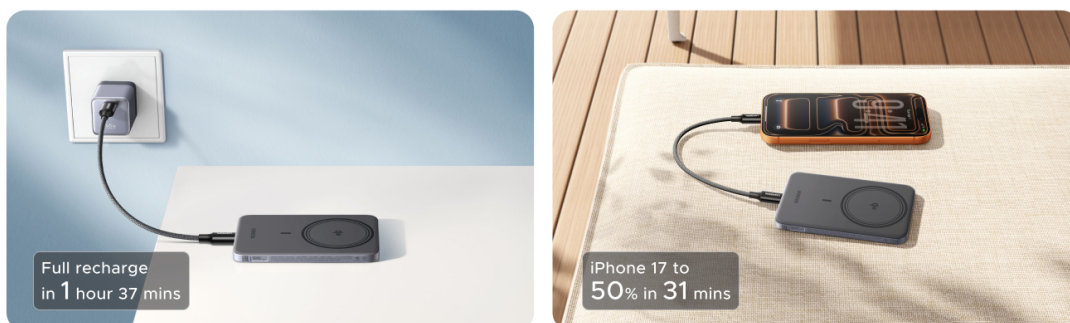
- **0-25% Battery:** One LED solid (or flashing if below 5%).
- **26-50% Battery:** Two LEDs solid.
- **51-75% Battery:** Three LEDs solid.
- **76-100% Battery:** Four LEDs solid.
- **Magnetic Wireless Charging Indicator:** A distinct LED illuminates when wireless charging is active.

4. SETUP

4.1 Initial Charging of the Power Bank

Before first use, fully charge your UGREEN Magflow Air Power Bank. Connect the provided USB-C cable to the power bank's USB-C port and the other end to a compatible USB-C power adapter (not included). The LED indicators will show the charging progress. A full recharge takes approximately 1 hour and 37 minutes with a 20W power adapter.

20W Two-Way Fast USB-C Charging



*Data from UGREEN testing. Actual results may vary.

Image: The power bank connected to a wall charger via its USB-C port for recharging.

5. OPERATING INSTRUCTIONS

5.1 Charging Devices Wirelessly (Qi2 15W)

1. Ensure your device is Qi2 compatible or MagSafe compatible (iPhone 12-17 series, or Qi-compatible Android smartphones).
2. Align your device with the magnetic charging surface of the power bank. The strong magnets will securely attach the power bank to your device.
3. Wireless charging will begin automatically. The dedicated magnetic wireless charging LED indicator on the power bank will illuminate.

The power bank provides up to 15W wireless charging. Slight heating of the phone and power bank during charging is normal.

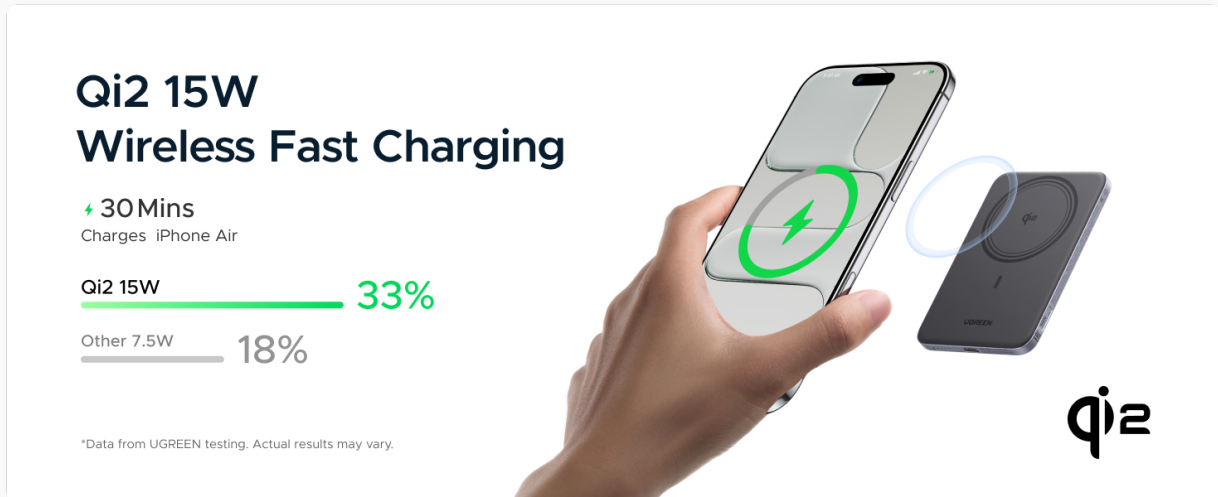


Image: An iPhone magnetically attached to the UGREEN Magflow Air Power Bank, indicating active wireless charging.

5.2 Charging Devices Wired (20W PD)

1. Connect your device to the power bank's USB-C port using a compatible USB-C charging cable.
2. Charging will begin automatically, providing up to 20W Power Delivery fast charging.

Compact Power that's Ready to Go

5,000mAh capacity in a pocket-friendly design.



Pocket-Friendly



5,000mAh



Image: The power bank connected to an iPhone via a USB-C cable for wired charging.

5.3 Smart Dual Charging

The power bank supports charging two devices simultaneously, one wirelessly and one via the USB-C port. When both wireless and wired charging are used, wireless charging will be automatically disabled as the wired charging takes priority. To re-enable wireless charging, press the power button once.

Smart Dual Charging

Charge 2 devices at once with optimal power distribution

*When both wireless and wired charging are used simultaneously, wireless charging will be automatically disabled as the wired charging takes priority. To enable it, click the button.



Image: The power bank charging an iPhone wirelessly and a pair of AirPods via a USB-C cable, demonstrating dual charging capability.

5.4 Trickle Charge Mode

For charging low-power devices like smartwatches or Bluetooth earbuds, activate trickle charge mode. Press and hold the power button for three seconds to enter this mode. This provides enhanced protection for devices requiring lower charging currents.

6. MAINTENANCE

- Keep the power bank clean and dry. Wipe with a soft, dry cloth.
- Avoid exposing the power bank to extreme temperatures, direct sunlight, or high humidity.
- Do not drop, disassemble, or attempt to repair the device yourself.
- Store in a cool, dry place when not in use.



Image: A close-up view of the power bank, highlighting its skin-friendly textured grip and metal shell.

7. TROUBLESHOOTING

- **Power bank not charging:** Ensure the USB-C cable is securely connected to both the power bank and a functional power adapter. Check if the power adapter is working correctly.
- **Device not charging wirelessly:** Ensure your device is Qi2 or MagSafe compatible and properly aligned with the power bank's magnetic charging surface. Remove any thick cases that might interfere with wireless charging. Press the power button once to activate wireless charging if it was disabled due to wired charging.
- **Device not charging wired:** Ensure the USB-C cable is securely connected to both the power bank and your device. Try a different USB-C cable if necessary.
- **Power bank or device overheating:** Slight warmth during charging is normal. If the device becomes excessively hot, disconnect it immediately. Ensure proper ventilation and avoid charging in direct sunlight or confined spaces. The power bank features multi-protection against overheating.
- **Low charging speed:** Ensure both the power bank and your device support fast charging protocols. Use a high-quality USB-C cable.

8. SPECIFICATIONS

Feature	Specification
Model Number	PB580
Battery Capacity	5000 mAh
Wireless Output	Up to 15W (Qi2)
USB-C Input	5V=3A / 9V=2.22A / 12V=1.67A
USB-C Output	5V=2.4A / 9V=2.22A / 12V=1.67A (20W Max)
Dimensions (L x W x Thickness)	4.13" x 2.75" x 0.33" (10.49 cm x 6.98 cm x 0.84 cm)
Weight	127 g
Connector Type	USB Type C
Special Feature	Slim, Magnetic, Qi2, 20W PD

9. SAFETY INFORMATION

- Do not expose the power bank to fire or water.
- Avoid using the power bank in environments with high temperatures or humidity.
- Keep out of reach of children.
- Do not use damaged cables or chargers.
- The power bank is equipped with multi-protection features against power surges, short circuits, overcurrent, and overheating.

Thermal Guard™

Monitors temperature ~720,000 times per hour.

 NTC Sensors
  Fire-Retardant Silicone

*For illustrative purposes only.
*Note:It's normal for the power bank to reach 98-118°F in 77°F ambient temperatures. It meets international safety standards, so there's no need to worry."



Image: An illustration of the power bank's internal thermal guard system, which monitors temperature approximately 720,000 times per hour for safety.

10. WARRANTY AND SUPPORT

This UGREEN product comes with a **1-Year Manufacturer Warranty** from the date of purchase.

For technical support, warranty claims, or any product-related inquiries, please contact UGREEN customer service through the official UGREEN website or your retailer's support channels. Please have your purchase receipt and product model number (PB580) ready when contacting support.

