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Realpower PB-5000 Mag

Realpower PB-5000 Mag Portable Charger User Manual

Model: PB-5000 Mag

1. Introduction

Thank you for choosing the Realpower PB-5000 Mag Portable Charger. This device is a compact and powerful 5000 mAh Lithium Polymer (LiPo) power bank designed for convenient wireless charging, compatible with MagSafe technology. Please read this manual thoroughly before using the product to ensure safe and optimal performance.

2. Safety Information

To prevent damage, electric shock, injury, or fire, please observe the following safety precautions:

- Do not expose the device to extreme temperatures, direct sunlight, or high humidity.
- Do not disassemble, modify, or repair the device yourself. Refer all servicing to qualified personnel.
- Keep the device away from water and other liquids.
- Do not drop, hit, or subject the device to strong impacts.
- Use only certified charging cables and adapters.
- Keep out of reach of children.
- Dispose of the battery according to local regulations. Do not dispose of in household waste.

3. Package Contents

Verify that all items are present in the package:

- 1 x Realpower PB-5000 Mag Portable Charger
- 1 x USB Type-C Cable (30 cm length)
- 1 x User Manual (this document)

4. Product Overview

Familiarize yourself with the components of your PB-5000 Mag portable charger.



Figure 4.1: Top view of the Realpower PB-5000 Mag portable charger. On the left side, you can see the USB Type-C port, followed by a small power button, and then four small LED indicator lights that show the battery level.



Figure 4.2: Back view of the Realpower PB-5000 Mag portable charger. The prominent feature is the circular magnetic charging area, indicating MagSafe compatibility, with a small rectangular alignment guide below it. The USB Type-C port is visible on the side.

5. Setup

5.1 Charging the Portable Charger

Before first use, fully charge your PB-5000 Mag portable charger.

1. Connect the included USB Type-C cable to the USB Type-C input port on the portable charger.
2. Connect the other end of the USB Type-C cable to a compatible USB power adapter (not included).
3. The LED indicators will illuminate to show the charging status. All four LEDs will be solid when fully charged.

Note: The input voltage can range from 5V to 12V, and input current from 1.67A to 3A for optimal charging.

6. Operating the Device

6.1 Wireless Charging

The PB-5000 Mag supports wireless charging up to 15W and is MagSafe compatible.

1. Ensure your portable charger is sufficiently charged.
2. Align your MagSafe-compatible device (e.g., iPhone 12 or newer) with the magnetic charging area on the back of the PB-5000 Mag. The magnets will snap the device into place.
3. The device should begin charging automatically. If not, press the power button on the side of the portable charger once to activate wireless charging.
4. The LED indicators will show the remaining battery level of the portable charger during wireless charging.



Figure 6.1: The Realpower PB-5000 Mag attached to a smartphone, illustrating its magnetic wireless charging capability. The charger is slim and aligns perfectly with the phone's back.

6.2 Checking Battery Level

Press the power button once to check the current battery level. The four LED indicators represent the following charge levels:

- 1 LED: 0-25%
- 2 LEDs: 25-50%
- 3 LEDs: 50-75%
- 4 LEDs: 75-100%

7. Maintenance and Care

- Clean the device with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- Store the device in a cool, dry place when not in use.
- Avoid prolonged exposure to direct sunlight or extreme temperatures.
- Charge the device at least once every three months to maintain battery health if not used regularly.

8. Troubleshooting

Problem	Possible Cause	Solution
Device not charging wirelessly.	Portable charger battery is low or depleted. Device not aligned correctly with charging area. Wireless charging not activated. Phone case is too thick or contains metal.	Charge the portable charger. Re-align the device to ensure proper magnetic connection. Press the power button once to activate wireless charging. Remove the phone case or use a MagSafe-compatible case.
Portable charger not charging.	Cable or adapter is faulty. USB Type-C port is dirty or damaged.	Try a different USB Type-C cable and power adapter. Gently clean the port with a dry, soft brush. If damaged, contact support.
LED indicators not working.	Device is completely discharged. Internal malfunction.	Connect to a power source and allow some time for charging. Contact customer support.

9. Specifications

Feature	Detail
Model	PB-5000 Mag
Battery Capacity	5000 mAh (18.5 Wh)
Battery Technology	Lithium Polymer (LiPo)
Input Connection	USB Type-C
Input Voltage	5 - 12 V
Input Current	1.67 - 3 A
Wireless Charging Power	15 W
Output Voltage	5 - 12 V (Adjustable)
Product Color	Silver

Feature	Detail
Dimensions (W x D x H)	70 mm x 8.9 mm x 104 mm
Weight	124 g
USB Type-C Cable Length	30 cm
Certifications	CE
MagSafe Compatible	Yes

10. Warranty and Support

Realpower products are designed and manufactured to the highest quality standards. For warranty information and customer support, please refer to the warranty card included with your purchase or visit the official Realpower website. For technical assistance or inquiries, please contact Realpower customer service.

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