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> Baseus Picogo AM52 MagSafe Power Bank User Manual

Baseus AM52

Baseus Picogo AM52 MagSafe Power Bank User Manual

Model: AM52 | Brand: Baseus

1. INTRODUCTION

Thank you for choosing the Baseus Picogo AM52 MagSafe Power Bank. This portable charger is designed to provide efficient and versatile power solutions for your mobile devices. Featuring Qi2.2 certified 25W ultra-fast wireless charging, a built-in 45W USB-C cable for wired charging, and a 10,000mAh high-capacity battery, it ensures your devices stay powered throughout the day. Its slim design and advanced heat management system make it a reliable companion for daily use and travel.

2. PRODUCT OVERVIEW

2.1 Key Features

- **Qi2.2 Certified 25W Wireless Charging:** Delivers ultra-fast wireless charging for compatible iPhones (up to 25W for iPhone 16/17 series, 15W for iPhone 12-15 series).
- **Built-in 45W USB-C Cable:** Provides powerful 45W PD output for fast wired charging of laptops, tablets, and other devices. The cable also functions as a convenient carry strap.
- **10,000mAh High Capacity:** Offers extended power for multiple charges, meeting TSA guidelines for flight-friendly travel.
- **Advanced Heat Management:** Incorporates an NTC smart temperature control chip, graphene inner layer, and aluminum alloy shell to maintain optimal operating temperatures below 97°F (36.2°C).
- **Strong Magnetic Alignment:** Equipped with 16 x N52 magnets for a secure and precise connection to MagSafe-compatible devices.
- **Compact and Slim Design:** Measuring 0.6" thin, it is designed for portability and ease of use.

2.2 Package Contents

- Baseus Picogo AM52 MagSafe Power Bank
- User Manual (this document)

2.3 Product Diagram



Figure 1: Front view of the Baseus Picogo AM52 MagSafe Power Bank.

The power bank features a sleek, minimalist design with a soft silicone surface for scratch-free contact and a durable aluminum alloy body. The front includes the Qi2.2 wireless charging pad, while the side houses the power button and LED indicators. A built-in USB-C cable is integrated for convenience.

Qi2.2 Officially Certified Power



25W Supercharged
Wireless Power



Smarter
Heat Control



Stronger
Magnetic Connection



Figure 2: The power bank magnetically attached to an iPhone, demonstrating its compact size and secure connection.

3. SETUP

3.1 Charging the Power Bank

Before initial use, fully charge your Baseus Picogo AM52 Power Bank. The power bank can be recharged using its built-in USB-C cable or the dedicated USB-C input/output port.

1. Connect the built-in USB-C cable or a separate USB-C cable to the power bank's USB-C port.
2. Connect the other end of the cable to a compatible power adapter (30W or higher recommended for fast recharging).
3. The LED indicators on the power bank will illuminate and blink to show the charging status. All LEDs will be solid when fully charged.



Figure 3: Recharging the power bank. A full recharge takes approximately 1.5 hours with a 30W adapter.

4. OPERATING INSTRUCTIONS

4.1 Wireless Charging (MagSafe)

The power bank supports Qi2.2 certified wireless charging for MagSafe-compatible iPhones (iPhone 12 and newer).

1. Ensure the power bank is sufficiently charged.
2. Align your MagSafe-compatible iPhone with the magnetic charging pad on the power bank. The magnets will snap into place, securing the connection.
3. Wireless charging will begin automatically.
4. **Note:** iPhone 16/17 series supports up to 25W wireless charging. iPhone 12-15 series supports up to 15W wireless charging.



Figure 4: Wireless charging an iPhone. The power bank provides up to 25W for compatible devices.

4.2 Wired Charging (USB-C Cable)

The built-in USB-C cable provides 45W Power Delivery (PD) output for fast wired charging.

1. Unclip the built-in USB-C cable from its storage slot.
2. Connect the USB-C cable to your device's charging port.
3. Charging will begin automatically.
4. **Note:** This 45W output is sufficient to fast-charge compatible laptops, tablets, and smartphones.



Figure 5: Wired charging using the built-in 45W USB-C cable.

4.3 Simultaneous Charging

The power bank can charge up to three devices simultaneously: one wirelessly and two via wired connections (using the built-in cable and the additional USB-C port).

1. Initiate wireless charging as described in Section 4.1.
2. Connect the built-in USB-C cable to a second device.
3. Connect a third device using a separate USB-C cable to the power bank's additional USB-C port.
4. If wired and wireless charging are initiated simultaneously, 45W wired charging takes priority, and wireless charging may be temporarily disabled. To activate dual charging (wired + wireless), press the power button on the power

bank once.

45W Full-Speed USB-C Charging

45W

30 min
Charge an iPhone 17 Pro Max to **65%**

Note: Wired charging takes priority. Press the power button to reactivate wireless charging.
*Data sourced from the Baseus Lab; Results may vary due to environmental factors.

Figure 6: Charging multiple devices simultaneously.

5. ADVANCED HEAT MANAGEMENT

The Baseus Picogo AM52 is engineered with a triple-loop cooling system to ensure stable and safe performance during high-speed charging:

- **NTC Smart Temperature Control Chip:** Continuously monitors and regulates the device's temperature in real-time.
- **Graphene Inner Layer:** Facilitates efficient heat conduction away from critical components.
- **Aluminum Alloy Shell:** Provides timely heat dissipation to keep the surface temperature low.

This system ensures the power bank's surface temperature remains below 97°F (36.2°C), significantly cooler than many other portable chargers, protecting both the power bank and your devices.



Figure 7: Internal components for superior cooling and safety.

6. COMPATIBILITY

The Baseus Picogo AM52 MagSafe Power Bank is primarily designed for:

- **MagSafe-compatible iPhones:** iPhone 12 series and newer for secure magnetic attachment and optimal wireless charging.
- **Wired USB-C Charging:** Compatible with a wide range of devices including Android phones (Samsung, Google, OnePlus, Motorola, LG, etc.), iPads, and certain laptops via the built-in USB-C cable or the additional USB-C port.

Important Notes:

- Android phones do not support the magnetic feature and will only charge via wired USB-C. Wireless charging speed for non-Qi2.2 Android devices will be at a lower efficiency.
- Not compatible with non-MagSafe cases, as they may interfere with magnetic attachment and cause heating.

10,000mAh All-Day Power

Ideal for travel, coffee shops, and daily commutes.



1.5 times
For iPhone 17 Pro

1.5 times
For iPhone 16 Pro

1.0 times
For Samsung 25 Ultra

*Data sourced from the Baseus Lab.

Figure 8: Universal compatibility for wireless and wired charging.

7. SPECIFICATIONS

Feature	Detail
Model Number	E0028Z

Feature	Detail
Brand	Baseus
Battery Capacity	10,000 mAh
Wireless Charging Output	Up to 25W (Qi2.2 Certified)
Wired USB-C Output (Built-in Cable)	45W Power Delivery (PD)
USB-C Port (Input/Output)	30W Recharging / 45W Output
Connector Type	USB Type C
Power Source	Battery
Battery Cell Type	Lithium Polymer
Number of Ports	1 (plus built-in cable and wireless pad)
Item Weight	115 Grams
Item Dimensions (L x W x Thickness)	4.02 x 2.64 x 0.63 inches
Color	Black

8. MAINTENANCE

- Keep the power bank away from water, fire, and extreme temperatures.
- Avoid dropping or subjecting the device to strong impacts.
- Clean the surface with a soft, dry cloth. Do not use harsh chemicals or abrasive materials.
- Store in a cool, dry place when not in use.

9. TROUBLESHOOTING

9.1 Device Not Charging Wirelessly

- Ensure your phone is MagSafe-compatible (iPhone 12 series or newer).
- Check if the phone case is MagSafe-compatible. Non-MagSafe cases may prevent proper magnetic alignment and charging.
- Verify the power bank has sufficient charge.
- Ensure proper alignment of the phone on the wireless charging pad.

9.2 Wireless Charging Disabled During Wired Charging

- When wired and wireless charging are used simultaneously, wired charging (especially 45W) takes priority.
- To reactivate wireless charging while wired charging is active, press the power button on the power bank once.

9.3 Slow Charging

- For fast wired charging, ensure your device and cable support Power Delivery (PD) and the power bank has sufficient charge.
- For fast wireless charging, ensure your iPhone is compatible with Qi2.2 (iPhone 16/17 for 25W, iPhone 12-15 for

15W).

- Ensure no foreign objects are between the phone and the wireless charging pad.

9.4 Power Bank Overheating

- The Baseus Picogo AM52 has advanced heat management. If it feels excessively hot, discontinue use and allow it to cool down.
- Avoid using non-MagSafe cases during wireless charging, as they can trap heat.
- Ensure adequate ventilation around the power bank during use.

10. WARRANTY AND SUPPORT

Baseus offers a **24-month worry-free guarantee** for the Picogo AM52 MagSafe Power Bank, ensuring genuine Baseus quality assurance.

For product support, warranty claims, or further inquiries, please visit the official Baseus website or contact their customer service through the details provided on your product packaging or purchase platform.

Baseus products meet the highest global standards, certified by FCC, UL, TÜV, DOE, CEC, UN, IEC, and RoHS, ensuring safety, energy efficiency, and environmental compliance.

Qi2.2-Certified Power Banks

Qi2.2: Faster, Smarter, More Precise

qi2 :QI-ID 25760
25W

TUV :SG PSB-IV-15914

AGC :AGC11758250922-C001

DERYCOM :AGC-484 Rev. No. 01
CERTIFICATION

TCB :2A482-E00290



Figure 9: Product certifications and quality assurance.

