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› Ntaanoo MP101 Magnetic Wireless Power Bank User Manual

Ntaanoo MP101

Ntaanoo MP101 Magnetic Wireless Power Bank User Manual

Model: MP101

1. INTRODUCTION

This manual provides essential instructions for the safe and efficient use of your Ntaanoo MP101 Magnetic Wireless Power Bank. Please read this manual thoroughly before operating the device and retain it for future reference.



Figure 1: Ntaanoo MP101 Magnetic Wireless Power Bank

2. PRODUCT FEATURES

- **Magnetic Wireless Charging:** Seamlessly attaches to compatible iPhones for convenient wireless power delivery.
- **High Capacity:** 10000 Milliamp Hours (mAh) battery for extended device usage.
- **Dual Charging Options:** Supports both wireless (up to 15W) and wired (up to 20W via USB-C) charging.
- **Simultaneous Charging:** Capable of charging one device wirelessly and another via cable concurrently.
- **Compact and Lightweight Design:** Ultra-slim and pocket-sized for portability.
- **Comprehensive Safety Protections:** Includes over-charging, short circuit, over-discharge, over-current, over-voltage, over-feed, over-heat, and recovery protection.
- **LED Indicators:** Clearly displays remaining battery level.

Small, compact and portable

Easily to carry around



Figure 2: Product Dimensions and Weight

3. SETUP AND INITIAL USE

3.1 Charging the Power Bank

1. Connect the provided USB-C cable to the power bank's USB-C port.
2. Connect the other end of the cable to a compatible USB wall adapter (not included).

3. The LED indicators will illuminate to show the charging status. A full charge is indicated when all LEDs are solid.

The power bank supports 18W Power Delivery (PD) fast recharging, allowing for a full recharge in approximately 3 hours. Traditional 5V/2A recharging takes about 5.5 hours.



Figure 3: Power Bank Recharging Time

3.2 Attaching to a Device for Wireless Charging

1. Ensure your device is compatible with magnetic wireless charging (e.g., iPhone 12 series and newer).
2. Align the power bank with the back of your device. The strong magnets will automatically snap it into place.
3. For optimal magnetic connection, use an iPhone without a case or with a MagSafe-compatible case.

4. OPERATING INSTRUCTIONS

4.1 Wireless Charging

Once magnetically attached to a compatible device, the power bank will automatically begin wireless charging. The wireless charging output can reach up to 15W, with specific power delivery depending on the device:

- **5W:** Devices supporting Qi/BPP protocol, wireless charging headset compartments.
- **7.5W:** Apple series mobile phones.
- **10W:** Samsung series mobile phones.
- **15W:** EPP protocol devices.

4.2 Wired Charging

To charge a device via cable:

1. Connect one end of a USB-C cable to the power bank's USB-C port.
2. Connect the other end to your device's charging port.
3. The power bank supports up to 20W wired fast charging.

2 Ways to Charge Your iPhone

⚡ 15w

Wireless
Convenience



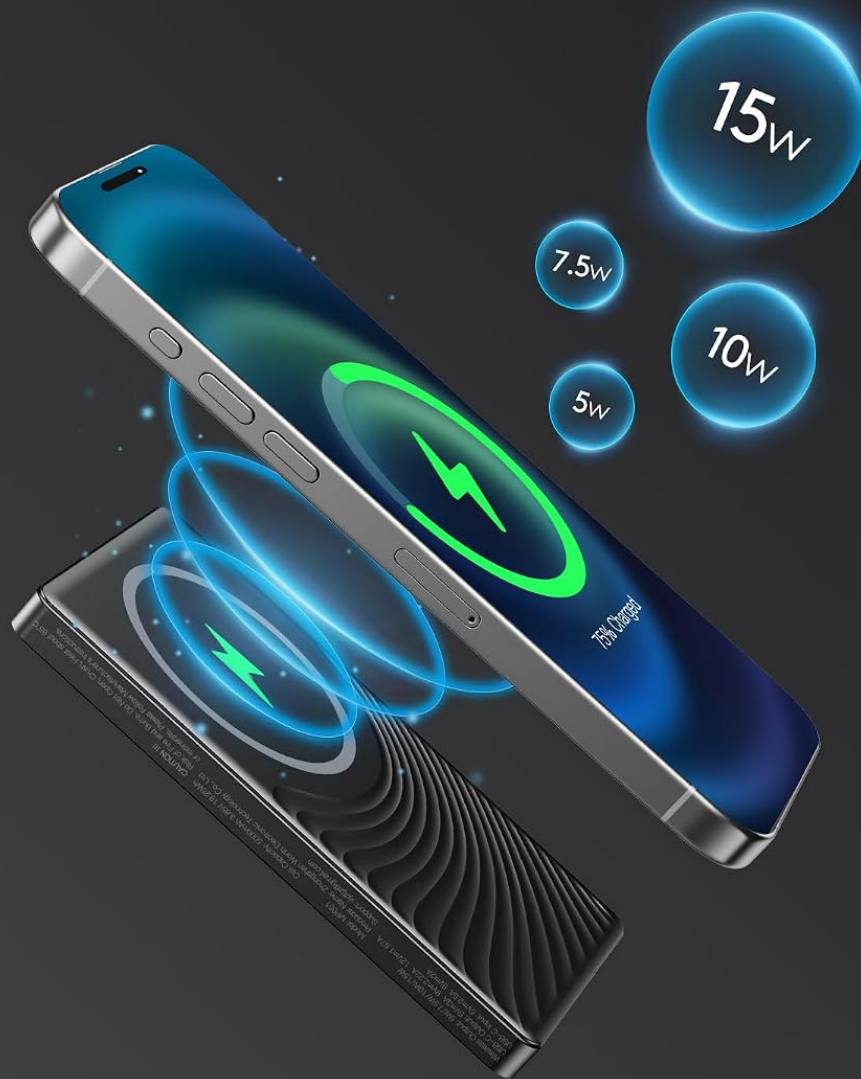
⚡ 20w

Wired
FastCharging



Figure 4: Two Ways to Charge Your Device

Max 15W Fast Charging



5w: Devices that support the Qi/BPP protocol
Wireless charging headset charging compartment



7.5w: Apple series mobile phones



10w: Samsung series mobile phones



15w: EPP protocol devices

Figure 5: Wireless Charging Output Details

4.3 Simultaneous Charging

The Ntaanoo MP101 power bank supports simultaneous charging, allowing you to charge one device wirelessly while another device is charged via the USB-C cable.

Simultaneous Charging

Charge one phone with cable while simultaneously supporting wireless charging for another device



Figure 6: Simultaneous Charging Capability

4.4 LED Indicator Guide

The LED lights on the power bank indicate the remaining battery level:

- **One LED:** 1% - 25% battery remaining
- **Two LEDs:** 26% - 50% battery remaining
- **Three LEDs:** 51% - 75% battery remaining
- **Four LEDs:** 76% - 100% battery remaining

A dedicated light indicates wireless charging activity.



Figure 7: LED Battery Level Indicators

5. SAFETY INFORMATION AND PROTECTIONS

The Ntaanoo MP101 is equipped with multiple safety features to ensure reliable operation and protect your devices:

- **Over-charging Protection:** Prevents battery damage from excessive charging.
- **Short Circuit Protection:** Safeguards against electrical shorts.
- **Over-discharge Protection:** Protects the battery from being fully depleted.
- **Over-current Protection:** Regulates current flow to prevent damage.
- **Over-voltage Protection:** Shields against voltage spikes.
- **Over-feed Protection:** Manages power input to prevent overload.
- **Over-heat Protection:** Monitors temperature to prevent overheating.
- **Recovery Protection:** Allows the device to recover from certain fault conditions.

- **Foreign Object Detection:** Prevents wireless charging when foreign metallic objects are detected.
- **Protection against Electromagnetic Fields:** Minimizes interference.

Important Safety Warnings:

- Do not expose the power bank to extreme temperatures (hot or cold), direct sunlight, or high humidity.
- Do not disassemble, modify, or attempt to repair the device.
- Keep out of reach of children.
- Avoid dropping or subjecting the power bank to strong impacts.
- Dispose of the power bank responsibly according to local regulations.



6. MAINTENANCE

6.1 Cleaning

To clean the power bank, gently wipe its surface with a soft, dry cloth. Do not use liquid cleaners, aerosols, or solvents.

6.2 Storage

When not in use for extended periods, store the power bank in a cool, dry place away from direct sunlight and extreme temperatures. It is recommended to charge the power bank to about 50-75% before long-term storage to preserve battery health.

6.3 Battery Care

To maximize the lifespan of the internal battery, avoid fully discharging the power bank frequently. Recharge it when the battery level is low.

7. TROUBLESHOOTING

7.1 Power Bank Not Charging

- Ensure the USB-C cable is securely connected to both the power bank and the wall adapter.
- Verify that the wall adapter is functioning correctly and plugged into a live power outlet.
- Try using a different USB-C cable and/or wall adapter.

7.2 Device Not Charging Wirelessly

- Ensure your device is compatible with magnetic wireless charging.
- Check for any foreign objects between the power bank and your device.
- Remove any non-MagSafe cases or thick cases that may interfere with the magnetic connection and wireless charging.
- Ensure the power bank has sufficient charge.

7.3 Device Not Charging Via Cable

- Ensure the USB-C cable is securely connected to both the power bank and your device.
- Try using a different USB-C cable.
- Ensure the power bank has sufficient charge.

7.4 Power Bank or Device Gets Warm During Charging

It is normal for the power bank and your device to become slightly warm during charging. If the device becomes excessively hot, disconnect it immediately and contact customer support.

8. SPECIFICATIONS

Feature	Specification
Model Number	MP101
Battery Capacity	10000 mAh
Wireless Charging Output	Up to 15W (5W/7.5W/10W/15W)
Wired Charging Output	Up to 20W (USB Type C)
Power Bank Recharging Input	18W PD (USB Type C)
Dimensions (L x W x H)	10.5 cm x 6.6 cm x 1.5 cm
Weight	189 g
Special Features	Ultra Slim, Pocket Size, Lightweight, Over Charging Protection, Short Circuit Protection, Simultaneous Charging, Wireless Charging

9. WARRANTY AND SUPPORT

9.1 Warranty Information

The Ntaanoo MP101 Magnetic Wireless Power Bank comes with a **2-Year Replacement Promise**. This warranty covers manufacturing defects and ensures a replacement product in case of eligible issues within two years from the date of purchase.

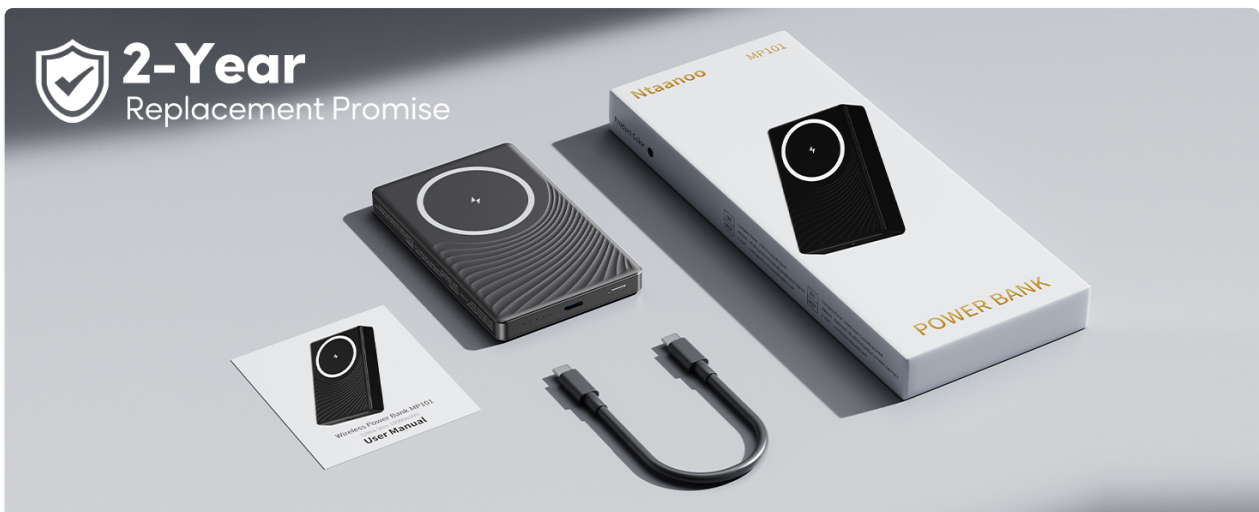


Figure 9: 2-Year Replacement Promise

9.2 Customer Support

For any questions, technical assistance, or warranty claims, please contact Ntaanoo customer support through the retailer's platform or visit the official Ntaanoo website for contact details.