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› GOODaaa 10W Solar Panel and PN-W22 Solar Power Bank Wireless Charger User Manual

GOODaaa PN-W22

GOODaaa 10W Solar Panel and PN-W22 Solar Power Bank Wireless Charger User Manual

Model: PN-W22 (Power Bank), 10W Solar Panel

1. INTRODUCTION

This manual provides essential instructions for the safe and efficient use of your GOODaaa 10W Solar Panel and PN-W22 Solar Power Bank. Please read this manual thoroughly before operating the devices and retain it for future reference. The GOODaaa 10W Solar Panel and PN-W22 Solar Power Bank are designed to provide portable power for your electronic devices, especially in outdoor environments. The power bank features a large capacity, wireless charging, and multiple output options, while the solar panel offers an additional method for recharging the power bank or other compatible devices using solar energy.

2. PACKAGE CONTENTS

Verify that all items listed below are included in your package. If any items are missing or damaged, please contact customer support.

- 1 x GOODaaa 10W Solar Panel
- 1 x PN-W22 Solar Power Bank
- 1 x USB-A to USB-C Cable
- 1 x USB-C to USB-C Cable
- 3 x Carabiners
- 2 x User Manuals (one for each device)



Image 2.1: Contents of the GOODaaa 10W Solar Panel and PN-W22 Solar Power Bank package.

3. PRODUCT OVERVIEW

3.1 PN-W22 Solar Power Bank

The PN-W22 Solar Power Bank features a 36000mAh capacity, designed to charge multiple devices. It includes built-in charging cables and multiple ports for broad compatibility.

- **Capacity:** 36000mAh
- **Charging Outputs:** Wireless charging, 4 built-in cables (USB-A, USB-C, iOS, Micro USB), additional USB-A and USB-C ports.
- **Input Ports:** USB-C, Micro USB (for charging the power bank).
- **Features:** Integrated solar panel for emergency charging, LED flashlight, simultaneous charge and discharge capability.

36000mAh super large capacity

Charge the most power-hungry devices multiple times

7.9

charges

iphone XR

8.3

charges

iphone 12

5.8

charges

Galaxy S20

4.0

charges

ipad mini



Image 3.1: The PN-W22 Solar Power Bank's capacity and charging capabilities for multiple devices.

Power 6 Devices Simultaneously

4 Built-in Charging Cables & 4 In/Output Ports



USB Output * 1



Type-C * 2
(Input/Output port)



Micro USB * 2



IOS Cable * 1



USB Input Cable * 1



Press it before charging your devices

Image 3.2: The PN-W22 Power Bank's ability to charge multiple devices simultaneously.

3.2 10W Solar Panel

The 10W Solar Panel is a portable and foldable accessory designed to charge the power bank or other devices directly using sunlight.

- **Power Output:** 10W
- **Output Ports:** USB-A, USB-C.
- **Design:** Foldable and compact for portability, includes loops for carabiners.

PORTABLE & FOLDABLE SOLAR PANEL

Foldable and compact design allows you to take it anywhere.



PN-10W

0.76lb

VS

iPad Air

1.02lb

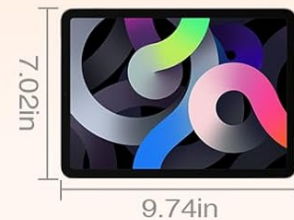


Image 3.3: The compact and foldable design of the 10W Solar Panel.

DUAL USB OUTPUT PORTS



Image 3.4: The 10W Solar Panel with its USB-A and USB-C output ports.

4. SETUP

4.1 Initial Power Bank Charging

Before first use, fully charge the PN-W22 Solar Power Bank using a wall adapter (not included) and one of the provided USB cables. This ensures the internal battery is conditioned for optimal performance.

1. Connect the USB-C or Micro USB input port on the power bank to a compatible USB wall charger using the appropriate cable.
2. The LED indicators on the power bank will illuminate to show charging progress.
3. Charging is complete when all LED indicators are solid.

4.2 Attaching Solar Panel to Backpack (Optional)

For outdoor use, the 10W Solar Panel can be attached to a backpack using the included carabiners.

1. Unfold the solar panel.
2. Attach the carabiners to the designated loops on the solar panel.
3. Securely fasten the carabiners to your backpack or other suitable attachment points, ensuring the solar panels face the sun.



Image 4.1: The 10W Solar Panel attached to a backpack for portable solar charging.

5. OPERATING INSTRUCTIONS

5.1 Charging Devices with the PN-W22 Power Bank

The power bank offers multiple ways to charge your electronic devices.

1. **Using Built-in Cables:** Select the appropriate built-in cable (USB-A, USB-C, iOS, or Micro USB) and connect it to your device.
2. **Using USB Ports:** Connect your device's charging cable to one of the power bank's USB-A or USB-C output ports.

3. **Wireless Charging:** Place your wireless charging compatible device on the designated wireless charging pad on the power bank. Ensure proper alignment for charging to begin.
4. Press the power button on the power bank to initiate charging if it does not start automatically. The LED indicators will show the remaining battery level.

5.2 Recharging the PN-W22 Power Bank with the 10W Solar Panel

The 10W Solar Panel can be used to recharge the PN-W22 Power Bank, especially when conventional power sources are unavailable.

1. Unfold the 10W Solar Panel and place it in direct sunlight.
2. Connect the 10W Solar Panel's USB-C output port to the PN-W22 Power Bank's USB-C input port using the provided USB-C to USB-C cable.
3. Ensure the solar panel is positioned to receive maximum sunlight. The power bank's charging indicators will show that it is receiving power.
4. Note that solar charging is slower than wall charging and is primarily intended for emergency or supplemental power.

5.3 Using the 10W Solar Panel to Charge Devices Directly

The 10W Solar Panel can also charge compatible devices directly.

1. Unfold the 10W Solar Panel and place it in direct sunlight.
2. Connect your device's charging cable to either the USB-A or USB-C output port on the solar panel.
3. Ensure the solar panel is positioned for optimal sun exposure. Charging will begin automatically.

5.4 Flashlight Function (PN-W22 Power Bank)

The PN-W22 Power Bank includes an integrated LED flashlight.

- To turn on the flashlight, press and hold the power button for approximately 3 seconds.
- Press the power button briefly to cycle through different light modes (e.g., steady, SOS, strobe).
- To turn off the flashlight, press and hold the power button again for approximately 3 seconds.



Image 5.1: Outdoor usage of the solar panel and power bank for charging.

6. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the surfaces of both the solar panel and power bank. Avoid using harsh chemicals or abrasive materials.
- **Storage:** Store the devices in a cool, dry place away from direct sunlight when not in use. Ensure the power bank is partially charged (around 50-75%) before long-term storage to preserve battery health.
- **Water Resistance:** While designed for outdoor use, avoid submerging the devices in water. Ensure all port covers are securely closed to protect against splashes and dust.
- **Temperature:** Avoid exposing the devices to extreme temperatures, both hot and cold, as this can affect battery performance and lifespan.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Power bank not charging	Low battery, faulty cable, power source issue, solar panel not receiving enough light.	Ensure power bank has some charge. Try a different charging cable or wall adapter. For solar charging, ensure direct, unobstructed sunlight.
Device not charging from power bank	Power bank low on charge, device not compatible, cable issue, power button not pressed.	Recharge the power bank. Ensure your device is compatible. Try a different cable. Press the power button on the power bank to activate output.
Wireless charging not working	Device not Qi-compatible, improper alignment, foreign objects, power bank low on charge.	Ensure device supports Qi wireless charging. Realign device on the charging pad. Remove any metal objects or thick cases. Recharge power bank.
Solar panel not charging effectively	Insufficient sunlight, panel obstructed, cloudy weather, incorrect angle.	Place the solar panel in direct, strong sunlight. Ensure no shadows or obstructions. Adjust the angle of the panel to face the sun directly. Solar charging is less efficient in cloudy conditions.

8. SPECIFICATIONS

8.1 PN-W22 Solar Power Bank

- **Model Number:** PN-W22
- **Capacity:** 36000mAh
- **Input:** USB-C, Micro USB
- **Output:** USB-A, USB-C, iOS, Micro USB (built-in cables), Wireless Charging
- **Special Features:** Solar charging, Wireless Charging, LED Flashlight

8.2 10W Solar Panel

- **Power:** 10W
- **Output Ports:** USB-A, USB-C
- **Design:** Foldable

8.3 General

- **Brand:** GOODaaa
- **Total Weight:** Approximately 1.72 lbs (Solar Panel + Power Bank)

9. WARRANTY AND SUPPORT

Every GOODaaa product is certified safe and comes with a lifetime warranty. We are committed to providing professional pre-sales and after-sales service.

For any questions, concerns, or support needs, please feel free to contact us. We aim to provide a satisfactory solution within 24 hours.

Contact Information: Please refer to the contact details provided on the product packaging or the official GOODaaa website for the most current support information.

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Email

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