

GOODaaa PN-W22

GOODaaa 10W Solar Panel and 36000mAh PN-W22 Solar Power Bank User Manual

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

1. INTRODUCTION

Thank you for choosing the GOODaaa 10W Solar Panel and 36000mAh PN-W22 Solar Power Bank. This product combines a portable solar panel with a high-capacity power bank, offering versatile charging solutions for your electronic devices, especially in outdoor environments. This manual provides essential information for safe and efficient use.

2. PACKAGE CONTENTS

Please verify that all items are present in your package:

- 1 x GOODaaa 10W Foldable Solar Panel
- 1 x GOODaaa PN-W22 Solar Power Bank (36000mAh)
- 1 x USB-A to USB-C Charging Cable
- 1 x USB-C to USB-C Charging Cable
- 3 x Carabiners
- 2 x User Manuals (one for each component)

3. PRODUCT OVERVIEW

3.1. GOODaaa 10W Foldable Solar Panel

The 10W solar panel is designed for portability and efficient solar energy conversion. It features dual USB output ports for direct device charging.

PORTABLE & FOLDABLE SOLAR PANEL

Foldable and compact design allows you to take it anywhere.



PN-10W
0.76lb

VS

iPad Air
1.02lb

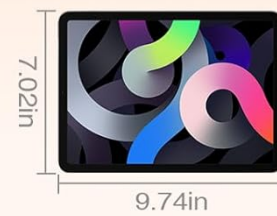


Image: The foldable solar panel, highlighting its compact size and lightweight design (0.76 lbs) compared to an iPad Air.

DUAL USB OUTPUT PORTS



Image: Close-up of the solar panel's control unit, showing the USB-A and USB-C output ports.

3.2. GOODaaa 36000mAh PN-W22 Solar Power Bank

The PN-W22 power bank features a large 36000mAh capacity, wireless charging, and multiple built-in cables for broad compatibility.

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: The PN-W22 power bank with its built-in cables and wireless charging pad actively charging several devices.

Key Features:

- **Battery Capacity:** 36000mAh
- **Wireless Charging:** Supports Qi-compatible devices.
- **Built-in Cables:** USB-A, USB-C, iOS (Lightning), Micro USB.
- **Additional Ports:** USB-A output, USB-C input/output.
- **Flashlight:** Integrated LED flashlight.

4. SETUP

4.1. Initial Charging of Power Bank

Before first use, fully charge the PN-W22 power bank using a wall adapter via its USB-C input port. This ensures optimal battery performance.

4.2. Attaching Solar Panel to Backpack

Use the included carabiners to attach the foldable solar panel to your backpack or other gear. Ensure the solar panels are exposed to direct sunlight for efficient charging.



Image: The solar panel and power bank secured to backpacks, ready for outdoor use.

5. OPERATING INSTRUCTIONS

5.1. Charging the Power Bank

The PN-W22 power bank can be charged via two methods:

- **Via Wall Adapter:** Connect a USB-C cable to the power bank's USB-C input port and plug it into a compatible wall adapter.
- **Via Solar Panel:** Connect the 10W solar panel to the power bank using a USB-A or USB-C cable. Place the solar panel in direct sunlight. The power bank's indicator lights will show charging status. Solar charging is

primarily for emergency use and maintaining charge, not for rapid full charging.



Image: The foldable solar panel connected to the power bank, both placed on grass in sunlight, demonstrating solar charging.

5.2. Charging Your Devices

The power bank and solar panel offer multiple ways to charge your electronic devices:

- **Wired Charging (Power Bank):** Use the built-in USB-A, USB-C, iOS, or Micro USB cables, or connect your own cable to the additional USB-A or USB-C output ports on the power bank. Press the power button on the power bank to initiate charging.
- **Wireless Charging (Power Bank):** Place your Qi-compatible device on the wireless charging pad of the power bank. Ensure the device is centered for optimal charging. Press the power button to activate wireless charging.
- **Direct Charging (Solar Panel):** Connect your device directly to the USB-A or USB-C output ports on the 10W solar panel. Charging efficiency depends on sunlight intensity.

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: A person using the power bank to charge a smartphone via a built-in cable, illustrating the high capacity.

5.3. Simultaneous Charge and Discharge

The PN-W22 power bank supports simultaneous charging and discharging. This means you can charge the power bank (e.g., via the solar panel) while it is also charging your electronic devices.

5.4. Using the Flashlight

The PN-W22 power bank includes an integrated LED flashlight. Refer to the specific power bank user manual for instructions on activating and cycling through flashlight modes (e.g., press and hold power button).

6. MAINTENANCE

- Keep the solar panel and power bank clean and free from dust and debris. Use a soft, dry cloth for cleaning.

- Avoid exposing the devices to extreme temperatures, direct water immersion, or high humidity.
- Store in a cool, dry place when not in use.
- Do not attempt to disassemble or modify the product.
- For optimal battery life, fully charge the power bank at least once every three months if stored for extended periods.

7. TROUBLESHOOTING

7.1. Device Not Charging

- Ensure the power bank is sufficiently charged.
- Verify that cables are securely connected to both the power bank/solar panel and your device.
- Press the power button on the power bank to activate charging.
- If using wireless charging, ensure your device is Qi-compatible and correctly aligned on the charging pad.
- Try a different charging cable or port.

7.2. Solar Panel Not Charging Power Bank/Device

- Ensure the solar panel is placed in direct, unobstructed sunlight.
- Check for any dirt or debris on the solar cells and clean if necessary.
- Solar charging is slower than wall charging and highly dependent on weather conditions and sun intensity.
- Verify the connection cable between the solar panel and the power bank/device.

7.3. Power Bank Indicator Lights Not Working

- The power bank may be fully discharged. Connect it to a wall charger for a period.
- If the issue persists, contact customer support.

8. SPECIFICATIONS

Product Name	GOODaaa 10W Solar Panel Plus 36000mAh Solar Power Bank Wireless Charger
Brand	GOODaaa
Power Bank Model	PN-W22
Solar Panel Output	10W
Battery Capacity	36000 mAh
Power Source	Solar Powered, USB Input
Special Features	Wireless Charging, Built-in Cables (USB-A, USB-C, iOS, Micro USB), Flashlight
Solar Panel Output Ports	USB-A, USB-C
Power Bank Output Ports	USB-A, USB-C, Wireless
Power Bank Input Ports	USB-C

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. If you have any questions or encounter any issues, please do not hesitate to contact us. We aim to provide a satisfactory solution within 24 hours.

For support, please refer to the contact information provided in your product packaging or visit the official GOODaaa website.