

Alfox AF-PB001

Alfox Portable Power Bank AF-PB001 User Manual

Model: AF-PB001 | Brand: Alfox

1. INTRODUCTION

The Alfox Portable Power Bank AF-PB001 is a versatile and high-capacity power solution designed for charging various electronic devices, including laptops, smartphones, and tablets. With a 20000mAh battery and 80W AC output, it provides reliable power on the go. This manual provides essential information for safe and efficient use of your device.

2. SAFETY INFORMATION

Please read and understand all safety instructions before using this product. Failure to follow these instructions may result in electric shock, fire, or serious injury.

- Do not disassemble, repair, or modify the device.
- Avoid exposure to extreme temperatures (above 45°C or below 0°C) and direct sunlight.
- Keep the device away from water, moisture, and flammable materials.
- Do not drop, puncture, or apply excessive force to the power bank.
- Use only approved chargers and cables for charging the power bank and connected devices.
- Keep out of reach of children.

3. PRODUCT OVERVIEW

Familiarize yourself with the components of your Alfox Portable Power Bank AF-PB001.



Figure 3.1: Front view of the Alfox Portable Power Bank AF-PB001, showing the AC outlet with cover, USB-A port, USB-C port, power button, and LED battery indicators.

Components:

- **AC Outlet:** Provides up to 80W power for small appliances.
- **USB-A Output Port:** For standard USB charging.
- **USB-C Input/Output Port:** Supports Power Delivery (PD) up to 30W for fast charging of devices and recharging the power bank.
- **Power Button:** To turn the device on/off and check battery status.

- **LED Indicators:** Display the remaining battery level.

4. SETUP

4.1 Initial Charging

Before using your power bank for the first time, ensure it is fully charged. This optimizes battery performance and longevity.

1. Connect the provided USB-C cable to the power bank's USB-C port.
2. Connect the other end of the USB-C cable to a compatible USB Power Delivery (PD) wall charger (not included).
3. The LED indicators will illuminate to show the charging progress. All LEDs will be solid when fully charged.

従来より2.5倍速で 本体へ高速充電

30W PD入力対応のUSB-Cポートに
より充電時間を60%節約

3.1時間
30W PD入力

7.8時間
5V / 2A入力



※自社調べ
※PD対応充電器は別売り

Figure 4.1: The Alfox Portable Power Bank AF-PB001 being charged via its USB-C port from a wall adapter, illustrating the fast charging capability. A full charge takes approximately 3.1 hours with a 30W PD input.

5. OPERATING INSTRUCTIONS

5.1 Powering On/Off and Checking Battery Level

- To turn on the power bank, press the power button once. The LED indicators will light up to show the current battery level.
- To turn off the power bank, press and hold the power button for approximately 3 seconds.

- To check the battery level at any time, press the power button once.

5.2 Using the AC Outlet

The AC outlet provides up to 80W of power for compatible devices.

1. Open the protective cover of the AC outlet.
2. Plug your device's power cord into the AC outlet.
3. Ensure your device's power consumption does not exceed 80W.



Figure 5.1: The Alfox Portable Power Bank AF-PB001 connected to a small portable refrigerator via its AC outlet,

demonstrating its 80W output capability for various household appliances.

5.3 Using USB-A and USB-C Ports

The USB-A and USB-C ports are suitable for charging smartphones, tablets, and other USB-powered devices. The USB-C port supports Power Delivery (PD) for faster charging.

1. Connect your device to the USB-A or USB-C port using an appropriate charging cable.
2. The power bank will automatically begin charging your device.



Figure 5.2: The Alfox Portable Power Bank AF-PB001 charging a MacBook via its USB-C Power Delivery port, highlighting its 30W PD output for rapid charging of compatible laptops.

5.4 Simultaneous Charging

The power bank can charge multiple devices simultaneously using its various output ports.

The advertisement features a black Alfox Portable Power Bank AF-PB001 as the central focus. It is connected via cables to an iPhone 13, an iPad Pro 12.9" 2021, and a MacBook 12". The iPhone screen shows a 100% charged battery. Above the power bank, text in Japanese lists the number of times each device can be charged: iPhone13 (3.7回), Galaxy S21 (3.0回), iPad PRO 12.9" 2021 (1.5回), and Macbook12" (1.1回). The background is a dark green gradient. At the bottom left, there is a note in Japanese: ※自社調べ (Based on our own research) and ※充電回数はUSB-AとUSB-Cでの充電データ (Charging cycles are based on USB-A and USB-C charging data).

Device	Charging Cycles
iPhone13	3.7回
Galaxy S21	3.0回
iPad PRO 12.9" 2021	1.5回
Macbook12"	1.1回

※自社調べ
※充電回数はUSB-AとUSB-Cでの充電データ

Figure 5.3: The Alfox Portable Power Bank AF-PB001 simultaneously charging an iPhone, iPad, and MacBook, showcasing its multi-device charging capability for various personal electronics.

5.5 Portability and Travel

The compact design of the AF-PB001 makes it ideal for travel and outdoor activities. It is designed to be compliant with airline regulations for carry-on luggage.

コンパクトなデザイン

小型ペットボトルのサイズから必要な
すべてパワーを提供する



Figure 5.4: The Alfox Portable Power Bank AF-PB001 shown mounted on a bicycle and placed in a car's cup holder, illustrating its compact and portable design for active lifestyles.



飛行機に持ち込める規格

旅先でバッテリー不足を心配せず

Figure 5.5: The Alfox Portable Power Bank AF-PB001 being used with a laptop in an airport setting, indicating its compliance with airline carry-on regulations for portable power devices.

6. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your power bank.

- **Storage:** Store the power bank in a cool, dry place away from direct sunlight and extreme temperatures. If storing for extended periods, charge it to about 50-75% every 3-6 months to prevent deep discharge.
- **Cleaning:** Use a soft, dry cloth to clean the exterior of the power bank. Do not use liquid cleaners or

solvents.

- **Battery Care:** Avoid completely draining the battery or leaving it fully charged for very long periods. Optimal battery health is maintained by keeping the charge between 20% and 80% when possible.

7. TROUBLESHOOTING

If you encounter issues with your Alfox Portable Power Bank, refer to the following common problems and solutions.

Problem	Possible Cause	Solution
Power bank does not turn on.	Battery is completely drained.	Connect the power bank to a charger and allow it to charge for at least 30 minutes before attempting to turn it on.
Device is not charging from the power bank.	<ul style="list-style-type: none">• Power bank battery is low or empty.• Cable is faulty or incompatible.• Device is not compatible with the output port.• AC output overloaded (for AC port).	<ul style="list-style-type: none">• Recharge the power bank.• Try a different charging cable.• Ensure your device is compatible with USB-A, USB-C PD, or 80W AC output.• Reduce the load on the AC outlet; ensure connected device is below 80W.
Power bank charges slowly or not at all.	<ul style="list-style-type: none">• Charger is not powerful enough.• Cable is faulty or not PD compatible.• Internal fault.	<ul style="list-style-type: none">• Use a USB Power Delivery (PD) compatible charger (e.g., 30W PD charger) for optimal charging speed.• Try a different USB-C cable.• If the issue persists, contact customer support.
LED indicators are not functioning correctly.	Software glitch or internal issue.	Try fully discharging and then fully recharging the power bank. If the problem continues, contact customer support.

If you experience any issues not covered here, or if the problem persists after attempting the suggested solutions, please contact Alfox customer support for further assistance.

8. SPECIFICATIONS

Detailed technical specifications for the Alfox Portable Power Bank AF-PB001.

Feature	Specification
Brand	Alfox

Feature	Specification
Model	AF-PB001
Battery Capacity	20000 mAh
Product Weight	800 g
Package Dimensions	20 x 19.5 x 9.9 cm
Special Features	Fast Charging
Color	Black
Connector Type	USB Type A, USB Type C
AC Output	Up to 80W
USB-C PD Output	Up to 30W
ASIN	B09PVDVTKL

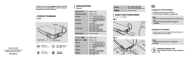

9. WARRANTY AND SUPPORT

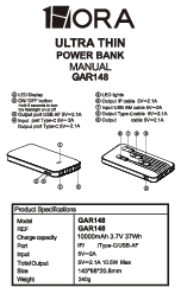

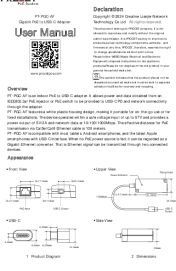

The Alfox Portable Power Bank AF-PB001 comes with an 18-month warranty from the date of purchase, covering manufacturing defects. Please retain your proof of purchase for warranty claims.

Customer Support:

For technical assistance, warranty claims, or any questions regarding your product, please contact Alfox customer service through the retailer where you purchased the product or visit the official Alfox website for contact information.

Related Documents - AF-PB001

	evatronic Thunder PD 65W 20000mAh Power Bank User Manual & Specifications Comprehensive user manual and technical specifications for the evatronic Thunder PD 65W 20000mAh portable power bank, detailing charging, usage, safety, and warranty information.
	OMOTON PB001 Power Bank User Manual User manual for the OMOTON PB001 Power Bank, detailing product overview, features, compatibility, charging instructions, safety precautions, and FAQ. Includes FCC compliance information.

 <p>1HORA ULTRA THIN POWER BANK MANUAL GAR148</p> <p>① USB Type-C ② USB Type-A ③ LED indicator ④ Power button ⑤ Output port (5V/2.1A) ⑥ Input port (5V/2.1A) ⑦ Output port (5V/2.1A) ⑧ Output port (5V/2.1A)</p> <p>① USB Type-C ② USB Type-A ③ LED indicator ④ Power button ⑤ Output port (5V/2.1A) ⑥ Input port (5V/2.1A) ⑦ Output port (5V/2.1A) ⑧ Output port (5V/2.1A)</p> <table border="1"><thead><tr><th colspan="2">Product Specifications</th></tr></thead><tbody><tr><td>Model</td><td>GAR148</td></tr><tr><td>Input</td><td>GAR148</td></tr><tr><td>Capacity</td><td>10000mAh 3.7V 37Wh</td></tr><tr><td>Port</td><td>① USB Type-C ② USB Type-A</td></tr><tr><td>Output</td><td>5V/2.1A</td></tr><tr><td>Total Output</td><td>5V/2.1A 10.5W Max</td></tr><tr><td>Input</td><td>5V/2.1A 10.5W Max</td></tr><tr><td>Weight</td><td>200g</td></tr></tbody></table>	Product Specifications		Model	GAR148	Input	GAR148	Capacity	10000mAh 3.7V 37Wh	Port	① USB Type-C ② USB Type-A	Output	5V/2.1A	Total Output	5V/2.1A 10.5W Max	Input	5V/2.1A 10.5W Max	Weight	200g	<p>1Hora GAR148 Ultra Thin Power Bank Manual</p> <p>User manual for the 1Hora GAR148 Ultra Thin Power Bank, detailing product specifications, usage recommendations, and warranty information.</p>		
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 <p>PowerXL VORTEX PRO AIR FRYER</p> <p>① PowerXL Vortex Pro Air Fryer</p> <p>Owner's Manual</p> <p>① PowerXL Vortex Pro Air Fryer</p> <p>① PowerXL Vortex Pro Air Fryer</p>	<p>PowerXL Vortex Pro Air Fryer Owner's Manual</p> <p>This owner's manual provides comprehensive instructions, safety guidelines, and specifications for the PowerXL Vortex Pro Air Fryer, covering various models and features for optimal home cooking.</p>																				