BLUETTI AORA100-JP

BLUETTI Portable Power Station AORA 100 User Manual

Model: AORA100-JP

1. INTRODUCTION

Thank you for choosing the BLUETTI AORA 100 Portable Power Station. This manual provides essential information for the safe and efficient operation of your device. The AORA 100 is a Japan-exclusive model designed for intuitive operation and high safety, featuring a 1152Wh LiFePO4 battery, 1800W rated AC output (up to 2700W with Power Lift), ultra-fast charging, and UPS functionality. It is ideal for various applications including disaster preparedness, camping, and car living.

2. SAFETY INFORMATION

Please read all safety instructions carefully before use to prevent injury or damage to the device. Keep this manual for future reference.

- Do not disassemble, repair, or modify the unit.
- Keep the device away from heat sources, direct sunlight, and flammable materials.
- Ensure proper ventilation during use and charging.
- The casing uses UL94V-0 certified flame-retardant material for enhanced safety.
- The BLUETOPUS BMS (Battery Management System) monitors overcharge and overheating in real-time.
- Avoid exposure to water or high humidity.
- Use only BLUETTI-approved accessories and cables.

3. PRODUCT OVERVIEW

The BLUETTI AORA 100 is a compact yet powerful portable power station designed for versatility and ease of use. Its intuitive interface and robust construction make it suitable for both indoor and outdoor applications.

Figure 3.1: Front view of the BLUETTI AORA 100 Portable Power Station, showing the display, control buttons, and various output ports.

3.1 Components and Ports

- **Color LCD Screen:** Displays battery status, input/output power, and error indicators. Fully in Japanese for the Japan-exclusive model.
- **DC Input/Output:** For charging the unit and powering DC devices.
- **AC Output Ports (x4):** 100V AC, rated 1800W (2700W Power Lift).
- **USB-A Ports (x4):** 18W output each.
- **USB-C Port (x1):** PD3.0/100W output.
- **Cigarette Lighter Socket (x1):** 150W output.
- **15W Qi Wireless Charging Pad:** Located on the top surface for compatible devices.

11個の出力ポートを搭載し、あらゆるシーンに対応する電力供給

表示はすべて日本語、入出力ポートやボタンはすべて日本語表示で、初心者でも直感的に操作でき、幅広い年齢層のユーザーにお使いいただけます。

自宅でも、アウトドアでも、非常用電源バックアップ用としても、AORA 100は安心を提供します。

Figure 3.2: The BLUETTI AORA 100 showcasing its 11 versatile output ports, including AC, USB-A, USB-C, cigarette lighter, and a wireless charging pad.
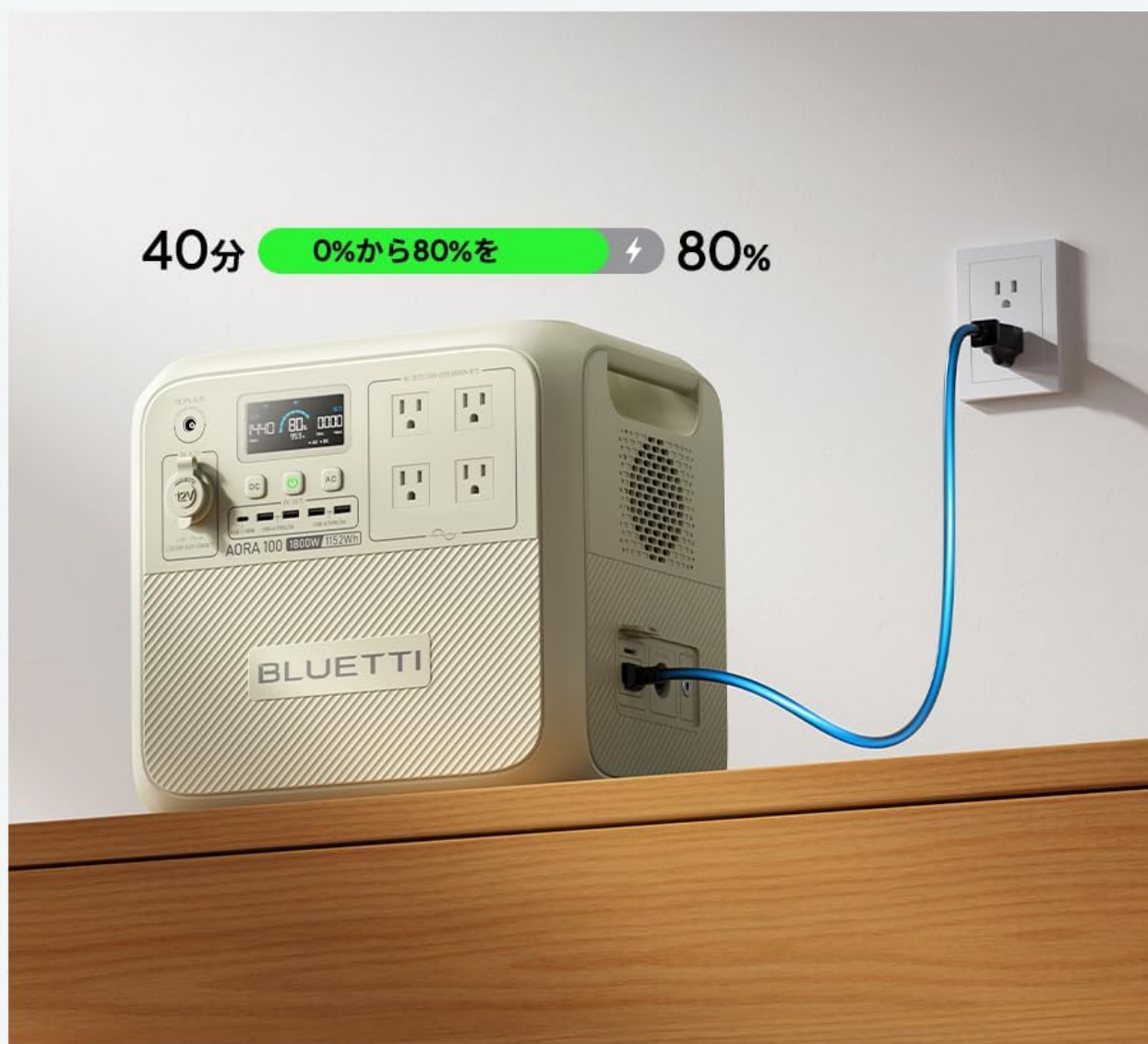
4. SETUP

4.1 Initial Charging

Before first use, fully charge your AORA 100. The unit supports 7 charging methods, including AC, solar, and car charging.

- **AC Charging:** Connect the included AC charging cable to a standard household outlet. The TurboBoost 1440W mode can charge the unit to 80% in approximately 45 minutes.
- **Solar Charging:** Connect compatible solar panels (sold separately) to the DC input. MPPT technology ensures up to 97% charging efficiency even on cloudy days. A 500W solar input can fully charge the unit in about 3.4 hours.
- **Car Charging:** Use the car charging cable (included with some bundles) to charge from your vehicle's cigarette lighter port. With BLUETTI Charger1 (500W), a full charge can be achieved in 2.5 hours.

業界トップクラスの充電技術 で、家庭のための安心の選択肢

わずか**40分**で**80%**まで充電可能。台風や地震などの 災害発生が予測される場合、事前にAORA 100を充電 しておくことで、停電時でも落ち着いて対応可能です。

満充電後は自動停止機能で省エネを実現。 バッテリー寿命を長持ちさせながら、日本家庭の 繊細な電力ニーズに応えます。

Figure 4.1: The BLUETTI AORA 100 connected to an AC outlet for rapid charging, reaching 80% in 45 minutes.

4.2 App Control

Download the BLUETTI app to remotely control your AORA 100. The app allows you to monitor usage data, control output on/off, and perform wireless firmware updates (OTA).

5. OPERATING INSTRUCTIONS

5.1 Powering On/Off

Press and hold the main power button for a few seconds to turn the unit on or off. The LCD screen will illuminate, indicating the device is ready for use.

5.2 Using AC/DC Outputs

Press the respective AC or DC button to activate the desired output ports. The LCD screen will show the current power consumption. The AORA 100 can power 99% of home appliances, including high-power devices like microwave ovens, smartphones, PCs, and refrigerators simultaneously.

5.3 Power Lift Mode (2700W)

The Power Lift mode allows the AORA 100 to power resistive load appliances with heating elements exceeding its 1800W rated output, up to 2700W. This enables simultaneous use of devices like a toaster (1000W) and a dryer (1200W).

5.4 UPS Function (0.02s)

In the event of a power outage, the AORA 100's UPS (Uninterruptible Power Supply) function detects the outage in an industry-leading 0.02 seconds and automatically switches to battery power. This protects sensitive electronics like computers from data loss or damage.

5.5 Wireless Charging

Place your Qi-compatible device on the 15W wireless charging pad located on the top of the unit to begin charging.

5.6 Pass-through Charging

The AORA 100 supports pass-through charging, allowing you to power devices from the unit while it is simultaneously being charged. This is particularly useful in situations where continuous power is required, such as during disasters or at work sites.

6. MAINTENANCE

6.1 Battery Care

The AORA 100 uses a highly safe LiFePO4 battery, designed for a long lifespan. To maximize battery longevity:

- Avoid fully discharging the battery frequently.
- Store the unit in a cool, dry place when not in use.
- For long-term storage, charge the unit to 50-80% every 3-6 months.
- The battery maintains over 80% capacity after 3500 charge/discharge cycles, providing a lifespan of over 10 years with daily use.

UltraCell™技術

LFPバッテリー搭載、**3500回**以上の
充放電サイクルと**10年**の長寿命。

BLUTTIEが安心してお使いいただける理由

安全性、耐久性、信頼性の高いAORA100は、あらゆる電力消費に安心を与えます。

8重BMS保護で電力の安全を全方位で守ります

- ⚡ 過充電保護
- ⚡ 過放電保護
- 🌡️ 過熱保護
- 短絡保護
- 🌡️ 高温保護
- 🌡️ 低温保護

Figure 6.1: Illustration of the BLUETTI AORA 100's internal LiFePO4 battery structure, highlighting the UltraCell technology and 8-layer BMS protection for safety and longevity.

6.2 Cleaning

Wipe the exterior with a soft, dry cloth. Do not use abrasive cleaners or solvents.

7. TROUBLESHOOTING

If you encounter issues with your AORA 100, please refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Unit does not turn on.	Battery is completely discharged.	Connect to an AC outlet and charge for at least 30 minutes.
AC output not working.	AC output not activated; Overload protection.	Press the AC button to activate. Reduce connected load if overloaded.
Fan noise is loud.	Normal operation during high load or charging; Unit is hot.	Ensure adequate ventilation. Fan speed adjusts based on temperature and load. This is normal behavior.
App connection issues.	Bluetooth/Wi-Fi interference; App not updated.	Ensure Bluetooth/Wi-Fi is enabled on your device. Restart the app and the power station. Update the app to the latest version.

If the problem persists, please contact BLUETTI customer support.

8. SPECIFICATIONS

Feature	Detail
Model Number	AORA100-JP
Battery Capacity	1152Wh
Battery Type	LiFePO4 (Lithium Iron Phosphate)
AC Output	100V AC, 1800W Rated (2700W Power Lift)
USB-A Output	4 x 18W
USB-C Output	1 x PD3.0/100W
Cigarette Lighter Output	1 x 150W
Wireless Charging	1 x 15W Qi Pad
UPS Function	0.02s Switchover
Charging Methods	AC, Solar, Car, Generator, Lead-acid battery
Lifespan	3500+ cycles to 80% capacity (10+ years with daily use)
Operating Temperature	-20°C to 45°C
Certifications	UL94V-0 (Flame Retardant Casing)

9. WARRANTY AND SUPPORT

The BLUETTI AORA 100 comes with an industry-leading **5-year warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use.
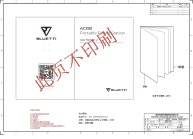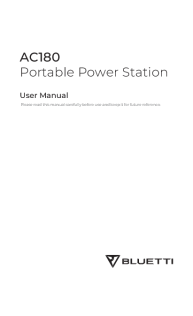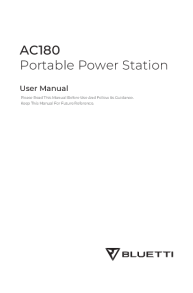
9.1 Environmental Commitment

BLUETTI is committed to environmental protection. Based on the "BLUE LIFE" environmental philosophy, BLUETTI implements a free recycling program for its products in Japan, re-utilizing over 95% of disassembled parts. This initiative actively contributes to waste reduction and global environmental protection.
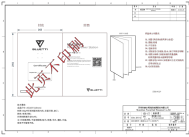
9.2 Customer Support

For technical support, warranty claims, or any inquiries regarding your BLUETTI AORA 100, please visit the official BLUETTI website or contact their customer service team. Please have your model number (AORA100-JP) and purchase details ready when contacting support.

Related Documents - AORA100-JP

	[BLUETTI AC180 Portable Power Station User Manual V1.0](#) User manual for the BLUETTI AC180 Portable Power Station, covering safety instructions, product overview, specifications, operating instructions, charging, discharging, app usage, FAQs, and troubleshooting. Includes essential information for safe and effective use.
	[BLUETTI AC180 Portable Power Station User Manual | Guide](#) Comprehensive user manual for the BLUETTI AC180 Portable Power Station. Learn about safety instructions, product overview, specifications, operating procedures, charging, discharging, app usage, FAQs, and troubleshooting.
	[BLUETTI AC180 Portable Power Station User Manual](#) Comprehensive user manual for the BLUETTI AC180 Portable Power Station, detailing its features, operation, safety instructions, and specifications. Learn how to charge, discharge, and utilize the BLUETTI app for optimal performance.

AC180 Portable Power Station User Manual ∇ BLUETTI	[BLUETTI AC180 Portable Power Station User Manual](#) Discover the BLUETTI AC180, a powerful 1800W portable power station with a 1152Wh LiFePO4 battery. This user manual provides essential information on setup, operation, charging, safety, and troubleshooting for camping, emergency power, and everyday use.
Elite 100 V2 Portable Power Station User Manual V1.0 ∇ BLUETTI	[BLUETTI Elite 100 V2 Portable Power Station User Manual](#) User manual for the BLUETTI Elite 100 V2 Portable Power Station, covering setup, operation, charging, features, specifications, and troubleshooting. Learn how to use and maintain your power station for optimal performance.
	[BLUETTI Elite 200 V2 Portable Power Station User Manual](#) Comprehensive user manual for the BLUETTI Elite 200 V2 Portable Power Station, covering safety, setup, operation, features, specifications, and troubleshooting.