AsperX AXP200

AsperX Portable Power Station User Manual

Model: AXP200

1. Introduction

Thank you for choosing the AsperX Portable Power Station. This device is designed to provide reliable power for your electronic devices during outdoor adventures, travel, camping, emergencies, or as a home backup solution. It features a high-capacity LiFePO4 battery, multiple output ports, and advanced safety features to ensure stable and safe operation.

2. Safety Information

Important Safety Precautions:

- Do not disassemble, repair, or modify the unit.
- Keep the unit away from fire or heat sources.
- Avoid exposure to water or high humidity.
- Do not use the unit if it is damaged or has been dropped.
- Ensure proper ventilation during use and charging.
- Keep out of reach of children.

This power station utilizes LiFePO4 batteries, known for their stability and safety, and is equipped with a Battery Management System (BMS) offering 12 professional safety protections, including over-charge, over-current, short-circuit, low-temperature, high-temperature, over-voltage, and overload protection.

3. Product Overview

Components and Ports

The AsperX Portable Power Station (Model AXP200) is designed with user convenience and versatility in mind. Below is an overview of its main components and ports:

Figure 3.1: Front view of the AsperX Portable Power Station, highlighting the display and ports.

- **Digital Display:** Shows input power, output power, battery percentage, and remaining time.
- **Power Button:** Turns the unit on/off.
- **LED Light Button:** Activates and cycles through LED light modes.
- **DC1 Input Port (20-60V/100W):** For charging the power station via DC input.
- **DC2 Output Port (12V/5A):** For DC output to compatible devices.
- **USB-C1 PD In/Out Port (140W):** Bi-directional USB-C port for fast charging.

- **USB-C2 PD In/Out Port (140W):** Bi-directional USB-C port for fast charging.
- **USB-A1 Output Port (18W):** Standard USB-A output for charging devices.
- **USB-A2 Output Port (18W):** Standard USB-A output for charging devices.
- **Integrated LED Light:** Retractable 3W LED light with multiple modes.
- **Carrying Handle:** Durable strap for easy portability.

Figure 3.2: Detailed view of the input and output ports on the power station.

4. SETUP

Initial Charge

Before first use, it is recommended to fully charge your AsperX Portable Power Station. This ensures

optimal battery performance and longevity.

1. Connect the provided USB-C to USB-C cable to one of the PD In/Out ports (USB-C1 or USB-C2) on the power station.
2. Connect the other end of the cable to a compatible 140W PD3.1 USB-C wall charger (not included).
3. The digital display will show the input power and battery charging status.
4. Charging can also be done via a 100W solar panel or car socket (adapters not included).

Figure 4.1: Charging the power station via a wall adapter.

Note: Data measured by AsperX may deviate due to environmental variations. Ensure your charging cable supports 140W speeds for optimal performance.

5. OPERATING INSTRUCTIONS

Using Output Ports

To power or charge your devices, simply connect them to the appropriate output port on the power station. The digital display will show the output power in watts.

- **USB-C Ports (140W):** Ideal for fast charging laptops, tablets, and smartphones.
- **USB-A Ports (18W):** Suitable for charging a wide range of USB-powered devices.
- **DC2 Output Port (12V/5A):** For devices requiring a 12V DC input.

Figure 5.1: Multiple devices connected and charging from the power station.

LED Light Operation

The integrated 3W LED light provides illumination for various situations. It has a stretchable design and four modes:

1. Press the LED Light Button once for **Normal Lightness**.
2. Press again for **Strong Lightness**.
3. Press a third time for **SOS Mode** (flashing signal).
4. Press a fourth time for **Emergency Strobe**.
5. To turn off the light from any mode, press and hold the LED Light Button.

Figure 5.2: The power station's LED light in operation.

The LED light can provide illumination for up to 42.3 hours on a full charge, making it suitable for extended use during camping or power outages.

6. MAINTENANCE

- Store the power station in a cool, dry place away from direct sunlight.
- Charge the unit at least once every 3-6 months to maintain battery health, even if not in use.
- Clean the exterior with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- Avoid dropping or subjecting the unit to strong impacts.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Unit not turning on	Battery is depleted; Power button not pressed correctly.	Charge the unit; Press and hold the power button for 3 seconds.
Devices not charging	Output port not activated; Device cable faulty; Overload protection activated.	Ensure output is enabled; Try a different cable; Reduce connected load.
Slow charging speed	Cable not supporting high wattage; Charger not powerful enough.	Use a 140W PD3.1 compatible cable; Use a higher wattage charger.

Problem	Possible Cause	Solution
LED light not working	Light button not pressed correctly; Unit battery low.	Press and hold the light button; Charge the unit.

If the problem persists, please contact AsperX customer support for assistance.
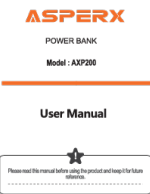
8. SPECIFICATIONS
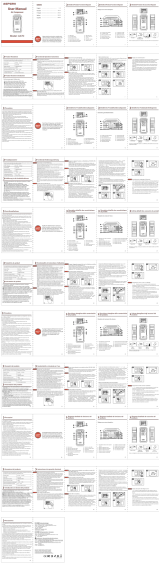
Feature	Detail
Model	AXP200
Battery Type	LiFePO4
Capacity	60,000mAh (192Wh)
Total Output	200W
USB-C Output/Input	2 x 140W PD3.1 (Two-Way)
USB-A Output	2 x 18W
DC Input	20-60V/100W
DC Output	12V/5A
LED Light Power	3W
Dimensions	7.6 x 4.1 x 3.9 inches
Weight	4.18 lbs (1.9 kg)
Safety Certifications	FCC, UL, CE, ROHS, PSE, UN38.3, etc.

9. WARRANTY AND SUPPORT

AsperX provides a 12-Month Full Protection Plan covering defects in materials and workmanship. For any technical assistance or support, please contact our customer service team. You will receive 7x24 After-Sales Support.

Included in the Package:

- 1 x AsperX Portable Power Bank Station
- 1 x High-Speed USB-C to USB-C cable
- 1 x User Manual (this document)

Related Documents - AXP200

	[ASPERX AXP200 Power Bank User Manual](#) Comprehensive user manual for the ASPERX AXP200 Power Bank, detailing specifications, charging methods, safety guidelines, and operational features.
	[ASPERX AXP200 Power Bank User Manual](#) Comprehensive user manual for the ASPERX AXP200 portable power station. Learn about its 192Wh capacity, 200W max output, multiple charging options (solar, AC via USB-C), device charging capabilities, LED light functions, and essential safety guidelines.
	[AsperX 10000mAh Portable Charger User Manual](#) User manual for the AsperX 10000mAh Portable Charger, covering specifications, charging instructions, cautions, warranty, and FAQs in multiple languages.
	[Asperx AX1013 User Manual: Operation and Specifications](#) Official user manual for the Asperx AX1013 device, covering setup, features, operation, troubleshooting, and technical specifications. Includes safety guidelines.
	[Asperx AX70 Portable Air Compressor User Manual](#) Comprehensive user manual for the Asperx AX70 portable air compressor, detailing features, operation, specifications, and safety precautions for tire inflation, LED lighting, and power bank functions.
	[ASPERX AX1013 Wireless Portable Charger User Manual](#) Comprehensive user manual for the ASPERX AX1013 Wireless Portable Charger, detailing features, safety precautions, and operating instructions.