AsperX AX2065

AsperX 65W 20,000mAh Power Bank (Model AX2065) Instruction Manual

1. INTRODUCTION

This manual provides essential information for the safe and efficient operation of your AsperX 65W 20,000mAh Power Bank (Model AX2065). Please read this manual thoroughly before using the product and retain it for future reference.

The AsperX 65W Power Bank is a high-capacity portable charger designed for fast charging a wide range of electronic devices, including laptops, smartphones, and tablets. Its compact design and airline approval make it an ideal travel companion.

Figure 1: AsperX 65W 20,000mAh Power Bank

2. Product Features

- **65W Super Fast Charging:** Dual USB-C ports deliver up to 65W Power Delivery (PD 3.0) for rapid charging of compatible laptops and other devices.

- **Simultaneous Charging:** Equipped with two 65W USB-C ports and one 20W QC USB-A port, allowing you to charge up to three devices concurrently.

- **USB-C Input/Output:** Both USB-C ports support 65W input for quick recharging of the power bank itself, and 65W output for connected devices.

- **20,000mAh Capacity:** High-capacity battery provides multiple charges for mobile phones and other devices. Approved for air travel.

- **LED Smart Display:** Clear digital display shows real-time battery level, input power, and output power.

- **Wide Compatibility:** Supports PD3.0, QC3.0, SCP, and AFC protocols for broad compatibility with various USB-C and USB-A devices.

- **Safety Features:** Built-in protections against overvoltage, overcharging, overcurrent, and short circuits.

3. Package Contents

- AsperX 65W USB-C Portable Charger x 1
- 0.6m/2ft 65W USB-C to USB-C Cable x 1
- User Manual x 1

4. Setup and Charging the Power Bank

Before initial use, fully charge your AsperX Power Bank. Use a 65W or higher power adapter (not included) with the provided USB-C to USB-C cable for optimal charging speed.

1. Connect one end of the USB-C to USB-C cable to either of the power bank's USB-C ports (Type-C1 IN/OUT or Type-C2 OUT).
2. Connect the other end of the cable to a compatible 65W (or higher) USB-C power adapter.
3. The LED Smart Display will show the charging status, including input wattage and current battery percentage.
4. A full recharge typically takes approximately 2 hours when using a 65W adapter.

Figure 2: LED Smart Display during charging

Video 1: Overview of the AsperX 65W Laptop Power Bank 20,000mAh, demonstrating its features and compact design. This video highlights the product's fast charging capabilities and portability.

5. OPERATING THE POWER BANK (CHARGING DEVICES)

The AsperX Power Bank can charge up to three devices simultaneously. For optimal laptop charging, it is recommended to use only one USB-C port at a time.

1. Connect your device's charging cable to the appropriate port on the power bank (USB-C1 IN/OUT, USB-C2 OUT, or USB-A OUT).
2. The power bank will automatically begin charging your device. The LED Smart Display will show the output wattage.
3. For laptops, use a USB-C to USB-C cable connected to either USB-C port for up to 65W fast charging.

4. For smartphones and other smaller devices, use the USB-A port (up to 20W) or a USB-C port.

Figure 3: Charging a laptop with the AsperX Power Bank

Figure 4: Charging multiple devices simultaneously

6. SMART LED DISPLAY

The integrated LED Smart Display provides real-time information about the power bank's status:

- **Battery Level (SOC Status):** Displays the remaining battery percentage.
- **Input Status:** Shows the incoming wattage when the power bank is being recharged.
- **Output Status:** Indicates the outgoing wattage when devices are being charged.

This detailed display allows for precise monitoring of charging and discharging processes.

7. LOW POWER MODE

For charging low-current devices such as wireless earbuds, smartwatches, or fitness trackers, activate the low power mode to prevent overcharging and ensure stable power delivery.

1. Connect your low-current device to any available port on the power bank.

2. Press and hold the power button on the side of the power bank for approximately 3 seconds until the display indicates "Low Power Mode" or a similar low-wattage output.

3. The power bank will now charge your device at a reduced, stable current.

4. To exit low power mode, press and hold the power button again for 3 seconds.

8. SPECIFICATIONS

Feature	Detail
Model Number	AX2065
Battery Capacity	20,000mAh
USB-C1 (IN/OUT)	PD 65W Max (5V/3A, 9V/3A, 12V/3A, 15V/3A, 20V/3.25A)
USB-C2 (OUT)	PD 65W Max (5V/3A, 9V/3A, 12V/3A, 15V/3A, 20V/3.25A)
USB-A (OUT)	QC 20W Max (5V/3A, 9V/2.22A, 12V/1.67A)
Simultaneous Output	Total 22.5W Max (when using multiple ports)
Dimensions	5.75 x 3.15 x 1.18 inches
Weight	1.15 pounds
Battery Type	Lithium Polymer
Color	Deep Grey
Safety Features	Overvoltage, Overcharging, Overcurrent, Short Circuit Protection

Figure 5: Product Dimensions

Figure 6: Output configurations for single, dual, and triple device charging

9. SAFETY INFORMATION

- Do not expose the power bank to extreme temperatures (above 65°C/149°F) or direct sunlight.

- Do not open, crush, or incinerate the device.

- Keep away from water and high humidity.

- Use only original or certified cables for charging the power bank and your devices.

- Keep out of reach of children.

- This power bank is airline approved for carry-on luggage (20,000mAh capacity).

Figure 7: Internal components and safety features

10. MAINTENANCE

- Clean the power bank with a dry, soft cloth. Avoid using harsh chemicals or abrasive materials.

- Store the power bank in a cool, dry place when not in use.
- Recharge the power bank at least once every three months to maintain battery health, even if not in active use.

11. TROUBLESHOOTING

- **Device not charging:** Ensure the power bank is charged. Check if the charging cable is securely connected to both the power bank and the device. Verify device compatibility.
- **Slow charging:** Ensure you are using a compatible fast-charging cable and your device supports fast charging. When charging multiple devices, the total output wattage is shared, which may reduce individual charging speeds.
- **Power bank not recharging:** Ensure the USB-C input cable is connected to a functional power adapter (preferably 65W or higher). Check the cable for damage.
- **LED display not working:** Press the power button briefly to activate the display. If the issue persists, the power bank may require recharging or service.

12. WARRANTY AND SUPPORT

AsperX provides 24-month support for this product. If you encounter any issues or have questions, please contact AsperX customer service for assistance.

Contact information can typically be found on the product packaging or the official AsperX website.

Related Documents - AX2065

PDF	**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.
PDF	**ASPERX AXP200 Power Bank User Manual** Comprehensive user manual for the ASPERX AXP200 Power Bank, detailing specifications, charging methods, safety guidelines, and operational features.
PDF	**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.
PDF	**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.

PDF	[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.
PDF	[ASPERX AX1013 Wireless Portable Charger User Manual](#) Comprehensive user manual for the ASPERX AX1013 Wireless Portable Charger, detailing features, safety precautions, and operating instructions.