

## JSAUX PB6501

# JSAUX Power Bank 20000mAh 65W User Manual

Model: PB6501

## INTRODUCTION

This manual provides essential instructions for the safe and efficient use of your JSAUX 20000mAh 65W Power Bank, Model PB6501. Please read this manual thoroughly before using the product and retain it for future reference.

The JSAUX PB6501 is a high-capacity portable charger designed to provide fast and reliable power to a wide range of devices, including laptops, smartphones, and gaming handhelds. It features 65W Power Delivery (PD) for rapid charging and multiple output ports for versatile connectivity.

## PRODUCT OVERVIEW

The JSAUX PB6501 Power Bank is equipped with a 20000mAh battery, offering substantial power for extended use. It includes a built-in USB-C charging cable for convenience and a smart digital display to monitor charging status.



Image: The JSAUX 20000mAh 65W Power Bank, showcasing its compact design, built-in USB-C cable, and digital display.

## SETUP

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### 1. Initial Charging of the Power Bank

1. Connect the power bank to a compatible 65W USB-C power adapter (not included) using the built-in USB-C cable or an external USB-C to USB-C cable.
2. The digital display will show the charging progress. For optimal performance, fully charge the power bank before first use.
3. A full charge from 0% to 100% typically takes approximately 90 minutes with a 65W input.

**Charged In 90 Min For Self**

**65W ⚡ 100%**

65w high power input,  
fully charged instantly



Image: The power bank being recharged from a wall adapter, illustrating its 65W fast input charging capability, reaching 100% in 90 minutes.

## 2. Connecting Devices

The power bank offers multiple ports for charging various devices:

- **USB-C Ports (Type-C1 IN/OUT, Type-C2 IN/OUT):** Use these for charging USB-C compatible devices or recharging the power bank itself. The built-in cable is a USB-C cable.
- **USB-A Ports (USB-A1 OUT, USB-A2 OUT):** Use these for charging devices that utilize standard USB-A cables.

## OPERATING INSTRUCTIONS

### 1. Charging Your Devices

To charge a device, connect it to one of the power bank's output ports using an appropriate cable. The power bank will automatically begin charging. The digital display will show the current battery level and charging status.

# Multi-Port Output



Image: The JSAUX Power Bank simultaneously charging a Steam Deck via its built-in USB-C cable, and two smartphones via external USB-C and USB-A cables, demonstrating its multi-port output capability.

## 2. High-Speed Charging

The power bank supports 65W Power Delivery (PD) for rapid charging of compatible devices. For example, it can charge a Steam Deck at its full 45W speed.



# 65W<sup>HIGH</sup> Speed Charging



From 0% to 100%



Steam Deck

3.0  
hours

iPhone 14

1.4  
hours

iPad pro 12.9

3.0  
hours

Image: An illustration highlighting the 65W high-speed charging capability, showing that the power bank can charge a Steam Deck, iPhone 14, and iPad Pro 12.9 from 0% to 100% in 3.0, 1.4, and 3.0 hours respectively.

### 3. Intelligent Digital Display

The integrated digital display provides real-time information:

- **Battery Level:** Press the power button once to view the remaining battery percentage.
- **Voltage and Current:** Short press the power button to cycle through voltage (V) and current (A) readings during charging or discharging.
- **Low Battery Alert:** The display will indicate when the battery level is below 10%.



Image: Detailed views of the smart digital display, showing how to check battery level, voltage, and current, and indicating a low battery warning.


#### 4. Universal Compatibility

The power bank is compatible with a wide range of USB-C PD devices, including:

- Laptops: MacBook Pro, MacBook Air, Microsoft Surface Book
- Tablets: iPad Pro, other USB-C tablets
- Gaming Handhelds: Steam Deck, Steam Deck OLED, ROG Ally, ROG Ally X, Nintendo Switch
- Smartphones: iPhone (17/16/15/14 series), Samsung Galaxy, Huawei, and other USB-C compatible


phones

- Other devices: AirPods Pro, various USB-powered accessories




## Universal Compatibility


### Laptops and Tablets



2020 MacBook  
Air




Microsoft  
Surface Book 2




2021 iPad Pro  
12.9"


### Steam Deck




### iPhone and Others



iPhone 14 Pro Max



Samsung S21 Ultra



AirPods Pro

### Switch




Image: A visual representation of the power bank's universal compatibility, showing it can charge laptops, tablets, gaming handhelds like Steam Deck and Switch, and various smartphones.

## MAINTENANCE

### 1. General Care

- Avoid exposing the power bank to extreme temperatures (hot or cold), direct sunlight, or high humidity.



- Do not drop, disassemble, or attempt to repair the device yourself. This can void the warranty and cause damage.
- Keep the power bank away from water and other liquids.
- Store in a cool, dry place when not in use.

## 2. Battery Care

- For optimal battery longevity, avoid completely discharging the power bank regularly.
- If storing for an extended period, charge the power bank to approximately 50-70% capacity.

## 3. Cleaning

- Wipe the exterior of the power bank with a soft, dry cloth.
- Do not use harsh chemicals or abrasive cleaners.

## TROUBLESHOOTING

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If you encounter issues with your JSAUX Power Bank, refer to the following common solutions:

- **Power Bank Not Charging:**

- Ensure the charging cable is securely connected to both the power bank and the wall adapter.
- Verify that the wall adapter is functioning correctly and provides sufficient power (65W recommended for fastest charging).
- Try a different charging cable or wall adapter.

- **Device Not Charging from Power Bank:**

- Ensure the device's charging cable is securely connected to both the power bank and the device.
- Check if the power bank has sufficient charge.
- Try a different port on the power bank.
- Verify that your device is compatible with the power bank's output specifications.

- **Slow Charging:**

- Ensure you are using a high-quality cable that supports fast charging.
- If charging multiple devices, the total output power is shared, which may reduce individual charging speeds.
- Some devices may limit charging speed based on their battery level or temperature.

- **Digital Display Not Working:**

- Press the power button to activate the display.
- If the issue persists, the power bank may require recharging.

## Built-in Safety Protections

The JSAUX Power Bank includes multiple safety features to protect your devices and the power bank itself:

- Over-current Protection
- Over-voltage Protection
- Short-circuit Protection



- Over-charging Protection
- Over-heat Protection
- Fire-proof Material

# Multiple Protections



Over-current  
Protection



Over-voltage  
Protection



Short-circuit  
Protection



Over-charging  
Protection



Over-heat  
Protection



Fire-proof  
Material



Image: An internal view diagram highlighting the various safety protections integrated into the JSAUX Power Bank's design.

## SPECIFICATIONS

Feature	Specification
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Feature	Specification
Model Number	PB6501
Battery Capacity	20000 Milliamp Hours (mAh)
Max Output Power	65W
Connector Type	USB Type C, USB Type A
Ports	2x USB-C (IN/OUT), 2x USB-A (OUT)
Special Features	Built-in USB-C Cable, Intelligent Digital Display, Multi-Protection
Product Dimensions	6.26 x 2.68 x 1 inches
Item Weight	1.08 pounds
Batteries	4 Lithium Metal batteries (included)
Manufacturer	JSAUX
Color	Black

## WARRANTY AND SUPPORT

### Warranty Information

JSAUX products typically come with a manufacturer's warranty. Please refer to the warranty card included with your product packaging for specific terms and conditions, including the warranty period and coverage details. Keep your proof of purchase for warranty claims.

### Customer Support

For technical assistance, troubleshooting not covered in this manual, or warranty inquiries, please contact JSAUX customer support. You can usually find contact information on the official JSAUX website or through the retailer where you purchased the product.

Visit the official JSAUX Store for more information:[JSAUX Store](#)

