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LanLuk HX45X3

LanLuk Mini Portable Charger Power Bank User Manual

Model: HX45X3

1. INTRODUCTION

Thank you for choosing the LanLuk Mini Portable Charger Power Bank. This ultra-compact and lightweight power bank is designed to provide convenient and fast charging for your iPhone devices on the go. This manual provides essential information for the safe and efficient use of your new device. Please read it thoroughly before use and retain it for future reference.

2. PRODUCT OVERVIEW

The LanLuk Mini Portable Charger Power Bank (Model HX45X3) is a 5200mAh capacity battery pack featuring PD fast charging. Its ultra-compact design, similar to the size of a lipstick, makes it highly portable and easy to carry in a pocket or purse. It is specifically designed for direct plug-and-play charging of iPhone devices without the need for additional cables.

2.1. Package Contents

- 1 x LanLuk 5200mAh Mini Portable Charger Power Bank
- 1 x USB-C Charging Cable
- 1 x User Manual

2.2. Key Features

- **Ultra-Compact Design:** Small and lightweight, ideal for travel.
- **5200mAh Capacity:** Provides approximately 1 to 1.2 full charges for most iPhone models.
- **PD Fast Charging:** Supports Power Delivery for rapid charging of compatible devices.
- **Direct Plug-in:** No cables needed for charging your iPhone.
- **Smart Chip Protection:** Built-in intelligent chips protect against overcharge, over-discharge, over-current, and short-circuit.
- **Pass-Through Technology:** Allows charging of your iPhone while the power bank itself is being charged.

2.3. Product Diagram

5200mAh Capacity

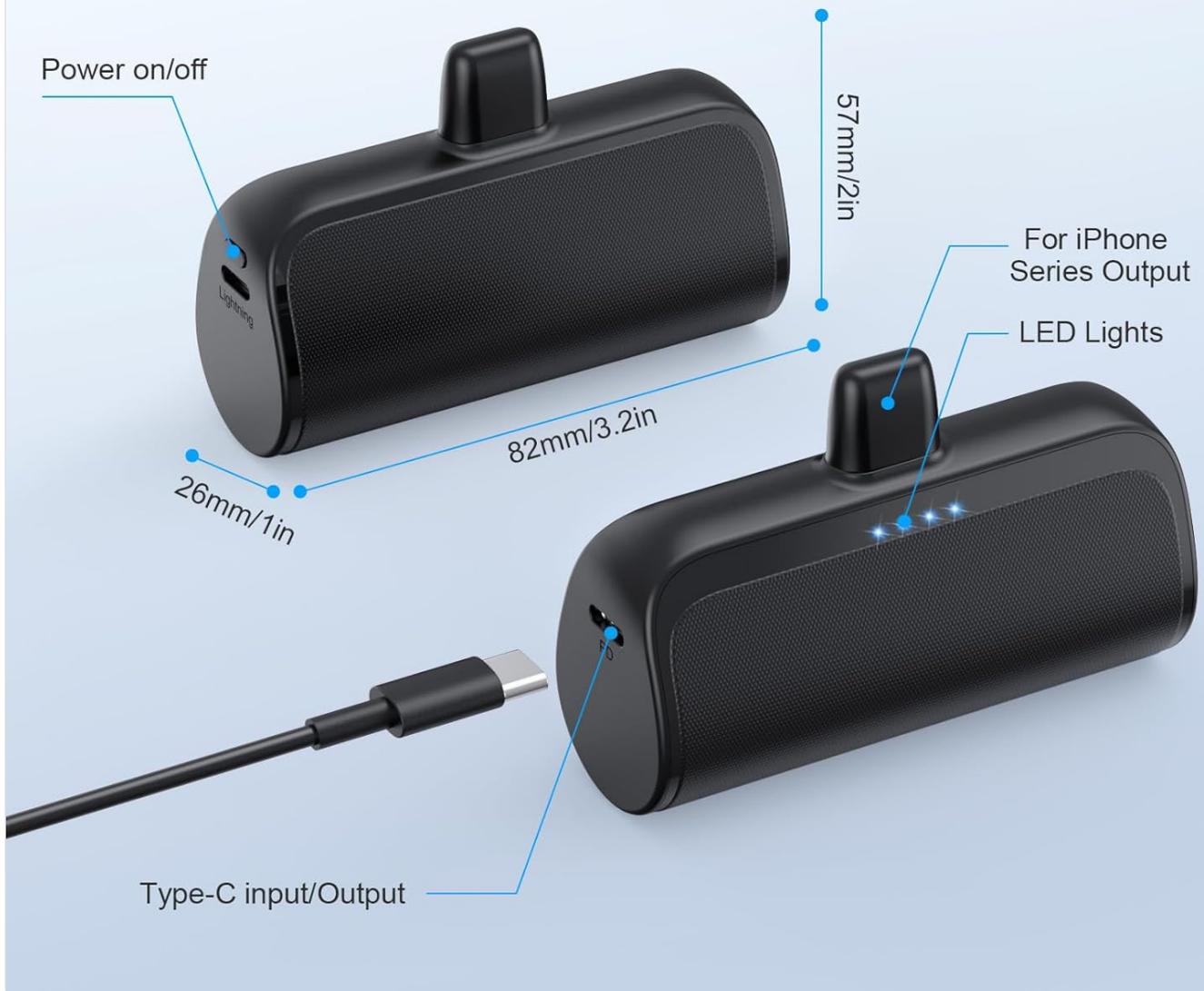


Figure 2.3.1: Product diagram illustrating the power bank's components and dimensions (82mm length, 57mm height, 26mm width). It features a Lightning output, LED indicator lights, a power on/off button, and a Type-C input/output port.

Mini as a lipstick and portable to carry



Figure 2.3.2: The power bank's compact size, comparable to a lipstick, highlighting its portability.

3. SETUP

3.1. Initial Charging of the Power Bank

Before first use, it is recommended to fully charge your LanLuk Mini Portable Charger. This ensures optimal performance and battery longevity.

1. Locate the USB-C charging cable provided in the package.
2. Insert the USB-C end of the cable into the Type-C input/output port on the power bank.
3. Connect the other end of the USB-C cable to a compatible USB wall adapter (not included) or a computer's USB port.
4. The LED indicator lights on the power bank will illuminate and blink to show the charging progress. All four LEDs will be solid when fully charged.

A full charge may take several hours. Once fully charged, disconnect the power bank from the charging source.

4. OPERATION

4.1. Charging Your iPhone

The LanLuk Mini Portable Charger is designed for direct plug-and-play charging of your iPhone.

1. Ensure the power bank has sufficient charge, indicated by the LED lights.
2. Remove the protective cap from the Lightning connector of the power bank.
3. Align the Lightning connector with your iPhone's charging port and firmly plug it in.
4. The power bank will automatically begin charging your iPhone. The LED indicators will show the remaining power of the power bank.
5. To stop charging, simply unplug the power bank from your iPhone. Replace the protective cap on the Lightning connector when not in use.



Figure 4.1.1: Direct plug-and-play operation, eliminating the need for external charging cables.

4.2. Pass-Through Charging

This power bank supports pass-through charging, allowing you to charge your iPhone and the power bank simultaneously.

1. Plug the power bank into your iPhone's charging port.
2. Connect the USB-C charging cable to the power bank's Type-C input/output port.
3. Connect the other end of the USB-C cable to a power source.
4. Both your iPhone and the power bank will charge concurrently.



Figure 4.2.1: Illustration of pass-through charging, where the power bank charges the phone while being charged itself.

5. COMPATIBILITY

The LanLuk Mini Portable Charger is widely compatible with various iPhone models, including but not limited to:

- iPhone 14 Series (14, 14 Pro, 14 Pro Max, 14 Plus)
- iPhone 13 Series (13, 13 Pro, 13 Pro Max, 13 Mini)
- iPhone 12 Series (12, 12 Pro, 12 Pro Max, 12 Mini)

- iPhone 11 Series (11, 11 Pro, 11 Pro Max)
- iPhone X, XR, XS, XS Max
- iPhone 8, 8 Plus
- iPhone 7, 7 Plus
- iPhone 6s, 6s Plus
- iPhone SE (all generations)

Note on Phone Cases: For optimal connection, ensure your phone case has a charging port opening of at least 4mm in depth. Cases with thicker bottom edges (greater than 4mm) may prevent a secure connection.



Figure 5.1.1: Illustration of phone case compatibility, showing that a port depth of less than 4mm is required for proper connection.

6. MAINTENANCE

Proper care and maintenance will extend the lifespan of your power bank.

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the power bank. Do not use liquid cleaners or aerosols.
- **Storage:** Store the power bank in a cool, dry place away from direct sunlight, extreme temperatures, and humidity.
- **Charging Frequency:** If not used regularly, charge the power bank at least once every three months to maintain battery health.
- **Handling:** Avoid dropping the power bank or subjecting it to strong impacts. Protect the Lightning connector from damage.

7. TROUBLESHOOTING

If you encounter issues with your LanLuk Mini Portable Charger, please refer to the following common solutions:

Problem	Possible Cause	Solution
Power bank not charging.	Charging cable or adapter issue; power bank battery depleted.	Ensure the USB-C cable is securely connected to both the power bank and a working power source. Try a different USB-C cable or wall adapter. Allow sufficient time for initial charge.
iPhone not charging from power bank.	Power bank low on charge; poor connection; phone case interference; damaged Lightning connector.	Ensure the power bank is charged. Re-plug the power bank firmly into the iPhone. Check if your phone case is too thick (port depth > 4mm) and remove it if necessary. Inspect the Lightning connector for any visible damage.

Problem	Possible Cause	Solution
Charging is slow.	Non-PD compatible adapter; high power consumption by iPhone during charging.	Use a PD-compatible wall adapter for faster charging of the power bank. Close background apps on your iPhone to reduce power consumption during charging.
Power bank stopped working after a short period.	Internal fault; extreme conditions.	If troubleshooting steps do not resolve the issue, contact customer support for warranty assistance. Avoid exposing the device to extreme temperatures or physical shock.

8. SPECIFICATIONS

Attribute	Detail
Model Number	HX45X3
Battery Capacity	5200 Milliamp Hours (3.7V Battery)
Input	USB-C (5V)
Output	Lightning Connector (5V, 20W PD Quick Charge)
Product Dimensions	2.5 x 2 x 0.39 inches (approx. 63.5 x 50.8 x 9.9 mm)
Item Weight	3.49 ounces (approx. 99 grams)
Battery Type	1 Lithium Polymer battery (included)
Special Features	Newly intelligent controlling IC, Mini size, Lightweight, Cordless Portable, Lipstick Size, Slim, Pocket Size, 20W PD quick Charge, Airline Approved Safest Cell Phone Charger

9. SAFETY INFORMATION

To ensure safe operation and prevent damage to the device or injury, please observe the following safety precautions:

- Do not expose the power bank to water, moisture, or extreme temperatures (above 45°C/113°F or below 0°C/32°F).
- Do not disassemble, modify, or attempt to repair the device. This will void the warranty and may cause safety hazards.
- Keep the power bank away from flammable materials, direct sunlight, and heat sources.
- Do not use the power bank if it is visibly damaged, swollen, or leaking.
- Keep out of reach of children.
- Dispose of the power bank responsibly according to local regulations. Do not dispose of it with household waste.
- Avoid dropping or subjecting the power bank to severe impacts.

10. WARRANTY AND SUPPORT

LanLuk provides a **3-year warranty** for this product. Additionally, lifetime technical support is available to assist you with any questions or issues you may encounter.

For warranty claims or technical assistance, please contact LanLuk customer support through the retailer where you purchased the product or refer to the contact information provided on the product packaging or official LanLuk website.