

NASTIMA PS12-LI52-NAPD

NASTIMA 12V 5200mAh Lithium-ion Power Bank User Manual

Model: PS12-LI52-NAPD | Brand: NASTIMA

INTRODUCTION

Thank you for choosing the NASTIMA 12V 5200mAh Lithium-ion Power Bank. This device is designed to provide portable power for a wide range of electronic devices, featuring multiple output ports for versatility. Please read this manual thoroughly before use to ensure proper operation and safety.

SAFETY INFORMATION

- Do not expose the power bank to extreme temperatures, direct sunlight, or fire.
- Avoid dropping, puncturing, or disassembling the device.
- Keep away from water and high humidity.
- Do not use if the power bank is damaged or swollen.
- Keep out of reach of children.
- Use only specified charging cables and adapters.
- Charge the battery upon receipt before initial use.
- Check and charge the battery every three months to maintain optimal performance.

PACKAGE CONTENTS

Verify that all items are present in your package:

- 1 x NASTIMA 12V 5200mAh Lithium-ion Power Bank
- 1 x DC5521 to DC5521 Male Cable
- 1 x DC5521 to DC5525 Male Cable
- 1 x User Manual



Image: The NASTIMA 12V 5200mAh Power Bank, two DC cables (DC5521 to DC5521 and DC5521 to DC5525), and the user manual are shown as included items.

PRODUCT OVERVIEW



Image: A detailed view of the NASTIMA 12V 5200mAh Power Bank's top surface, highlighting the Type-C IN/OUT port (Max 45W PD Fast Charging), USB-A OUT port (Max 22.5W QC3.0 Fast Charging), 12V DC OUT port (Max 12V 2A, DC5521), ON/OFF Power Switch, and the Battery Capacity Display Lamps.

The NASTIMA Power Bank features multiple ports for charging and discharging:

- **Type-C IN/OUT:** Max 45W Power Delivery (PD) for fast charging the power bank or compatible devices.
- **USB-A OUT:** Max 22.5W Quick Charge 3.0 (QC3.0) for fast charging compatible USB devices.
- **12V DC OUT:** Max 12V 2A via DC5521 port for devices requiring a 12V DC input.
- **ON/OFF Switch:** Controls the power to the output ports.
- **Battery Capacity Display Lamps:** Four LED indicators show the remaining battery charge level.

SETUP

Initial Charging

Before first use, fully charge the power bank.

1. Connect a compatible USB-C charger (not included) to the Type-C IN/OUT port of the power bank.
2. The battery capacity display lamps will illuminate, indicating the charging status. All four lamps will be

solid when fully charged.

Connecting Devices

Ensure your device's voltage and current requirements match the power bank's output specifications.



Image: The NASTIMA Power Bank is shown connected to and charging a smartphone via a USB cable, wireless earbuds via another USB cable, and providing power to a Wi-Fi router via a DC cable, demonstrating its multi-device charging capability.

OPERATING INSTRUCTIONS

Powering On/Off

- To turn on the power bank, press the ON/OFF power switch. The battery indicator lights will illuminate.
- To turn off the power bank, press and hold the ON/OFF power switch for a few seconds until the indicator lights turn off.

Charging External Devices

1. Connect your device to the appropriate output port (Type-C, USB-A, or 12V DC) using a compatible

cable.

2. Press the ON/OFF switch to activate the output.
3. The power bank will begin charging your device. Monitor your device's charging status.
4. When charging is complete, disconnect your device and turn off the power bank.

Battery Level Indicator

The four LED lamps indicate the remaining battery capacity:

- **4 LEDs:** 75-100% charge
- **3 LEDs:** 50-75% charge
- **2 LEDs:** 25-50% charge
- **1 LED:** 0-25% charge (Recharge soon)

MAINTENANCE

- Clean the power bank with a soft, dry cloth. Do not use harsh chemicals or abrasive materials.
- Store the power bank in a cool, dry place away from direct sunlight and extreme temperatures.
- To prolong battery life, fully charge the power bank at least once every three months, even if not in use.
- Avoid fully discharging the battery frequently.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Power bank not charging	Charger not connected properly; faulty charger/cable; power bank fully charged.	Ensure charger is securely connected. Try a different charger or cable. Check battery indicator lights.
Device not charging from power bank	Power bank is off; cable not connected properly; device not compatible; power bank battery depleted.	Press ON/OFF switch. Ensure cable is secure. Verify device compatibility. Recharge power bank.
Slow charging	Device does not support fast charging; cable is not fast-charge compatible; multiple devices charging simultaneously.	Ensure device and cable support fast charging (QC3.0/PD). Disconnect other devices.
Power bank gets warm during use	Normal operation during charging/discharging.	This is normal. If it becomes excessively hot, disconnect immediately and contact support.

SPECIFICATIONS

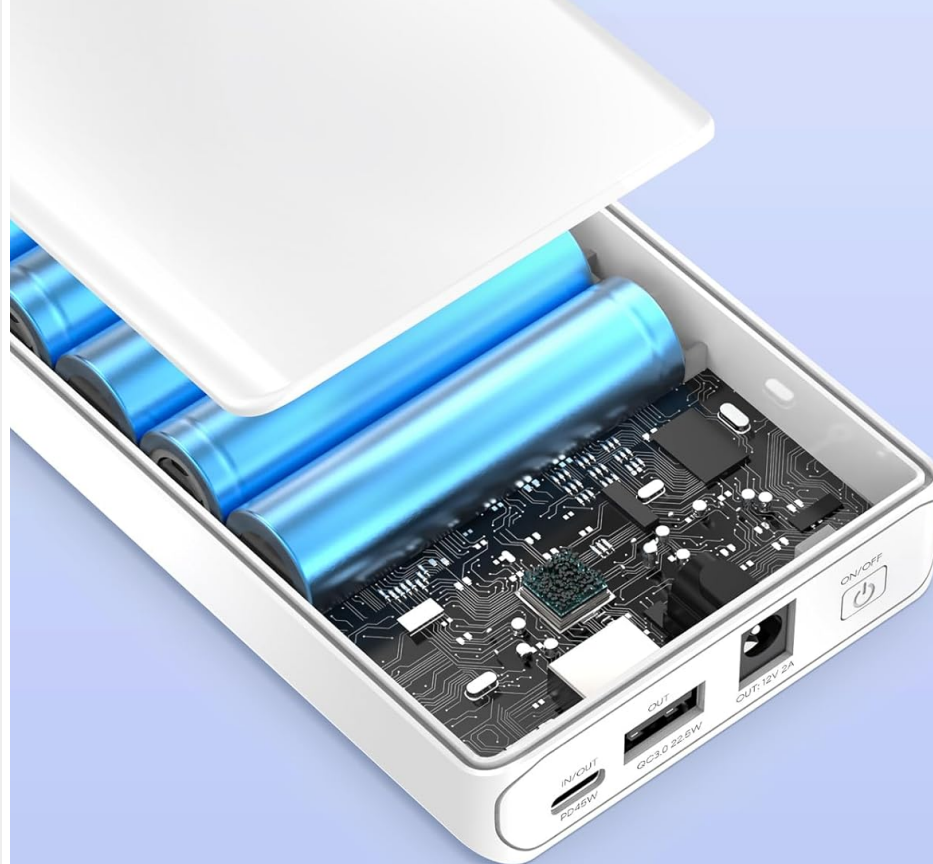
Model Number	PS12-LI52-NAPD
Battery Type	Lithium-ion
Typical Capacity	5200 mAh

Energy Content	56.16 Wh
Voltage Range	8.4-12.6 V
DC5521 Output	Max 12V 2A
USB-A Output	5V/3A, 9V/2.22A, 12V/1.67A (QC3.0)
Type-C Output	5V, 9V, 12V, 15V, 20V (Max 45W PD)
Dimensions (L x W x H)	162 x 80 x 23 mm (6.38 x 3.15 x 0.91 inches)
Weight	395 g (0.87 lbs)
Integrated Protection	BMS (Overcharge, Over-discharge, Overcurrent, Short-circuit)



Image: The NASTIMA Power Bank is displayed next to a smartphone, with its dimensions (160mm length, 80mm width, 23mm thickness) and weight (395g) clearly labeled.

5200mAh Mini UPS Lithium-ion Battery Backup Multiple Protection



Over-Charge
Protection



Over-Discharge
Protection



Short-Circuit
Protection



Over-Current
Protection

Image: An exploded view of the NASTIMA Power Bank revealing its internal lithium-ion cells and circuit board. On the right, icons indicate multiple protection features: Over-Charge Protection, Over-Discharge Protection, Short-Circuit Protection, and Over-Current Protection.

WARRANTY AND SUPPORT

NASTIMA products are designed for reliability and performance. For warranty information and technical support, please refer to the official NASTIMA website or contact your retailer.

Manufacturer: QUANZHOU MELASTA NEW ENERGY CO.,LTD

APPLICATIONS

The NASTIMA 12V 5200mAh Power Bank is widely compatible with various devices, including but not limited to:

- LED strips
- Routers
- CCTV cameras
- Webcams
- LED panels

- Amplifiers
- Modems
- Fax machines
- Printers
- Fingerprint devices
- Mobile phones
- Tablets

Wide Application

Suitable for LED Strip Light, Router, Monitor, Fax Machine, Camera, Video Recorder, Tablet, Mobile Phone etc.



Image: A collage of devices demonstrating the wide application of the NASTIMA Power Bank. Devices include a smartphone, a CCTV camera, a tablet, a Wi-Fi router, the power bank itself, a DSLR camera, LED strip lights, a fax machine, and a DVD player with remote.