ROMOSS PSW20-392

ROMOSS PD 30W 20000mAh Power Bank User Manual

Model: PSW20-392

1. Introduction

Thank you for choosing the ROMOSS PD 30W 20000mAh Power Bank. This portable power solution is designed to provide efficient and reliable charging for your electronic devices on the go. With its high capacity and multiple fast-charging ports, it ensures your devices stay powered throughout the day. Please read this manual carefully to understand the product's features, operation, and maintenance.

2. Product Overview

2.1 Package Contents

- ROMOSS PD 30W 20000mAh Power Bank
- USB Charging Cable (Type-C)
- User Manual

2.2 Product Diagram

Familiarize yourself with the various components and ports of your power bank:

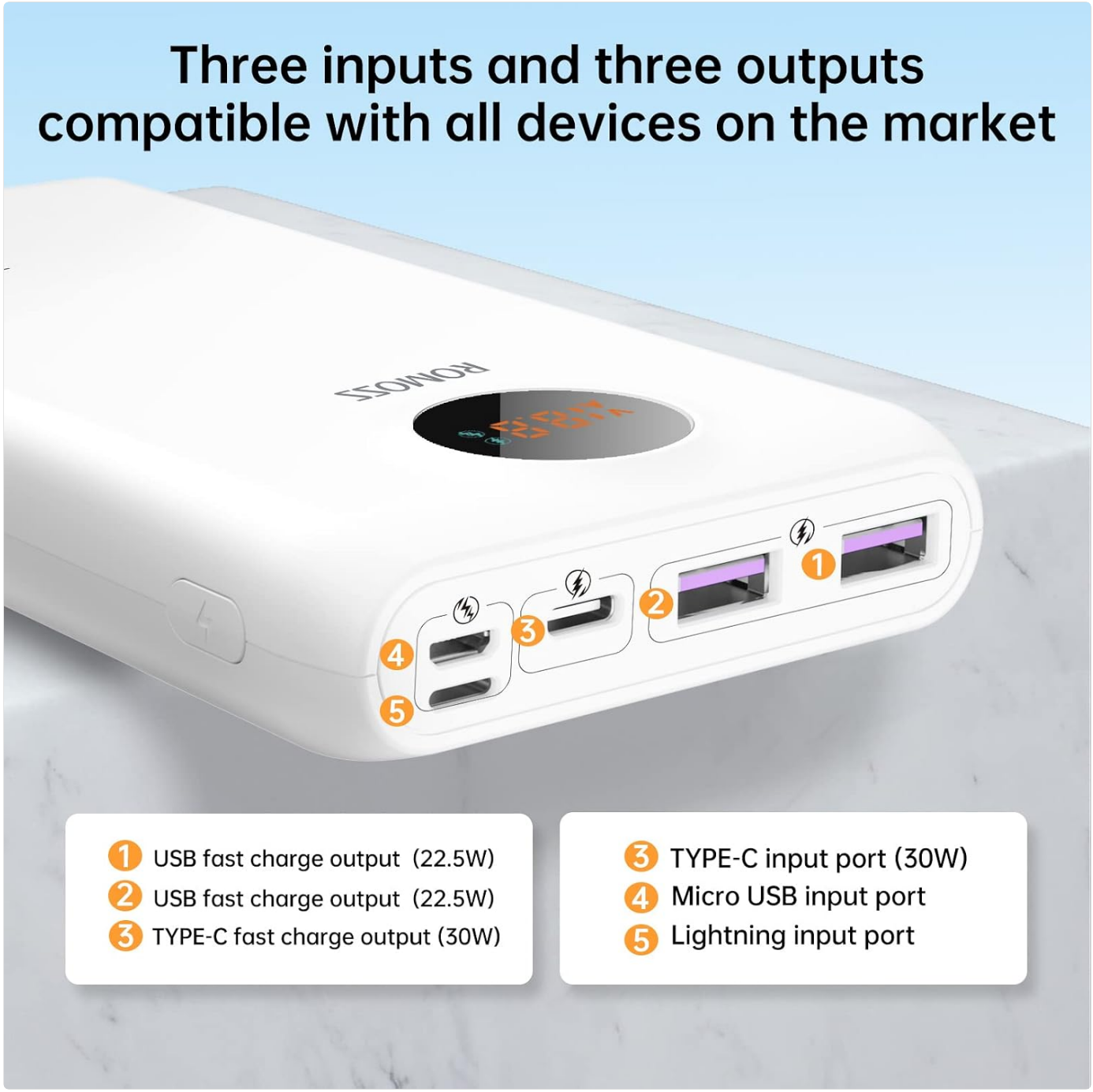


Image: Close-up view of the ROMOSS power bank's top edge, highlighting its various input and output ports with numerical labels.

1. **USB Fast Charge Output (22.5W):** Standard USB-A port for fast charging compatible devices.
2. **USB Fast Charge Output (22.5W):** Another standard USB-A port for fast charging.
3. **Type-C Fast Charge Output (30W):** USB-C port supporting Power Delivery (PD) for high-speed charging. This port also functions as an input.
4. **Micro USB Input Port:** Used for recharging the power bank.
5. **Lightning Input Port:** Used for recharging the power bank, compatible with Apple Lightning cables.
6. **LED Digital Display:** Shows battery percentage, charging voltage, and current.
7. **Power Button:** Press to check battery level or activate fast charge mode.

3. Setup

3.1 Initial Charge

Before first use, it is recommended to fully charge your ROMOSS power bank. This ensures optimal battery performance and

longevity.



Image: The ROMOSS power bank connected to a wall charger via a USB-C cable, indicating it is being recharged.

1. Connect a compatible charging cable (Micro-USB, Type-C, or Lightning) to one of the power bank's input ports (Micro USB, Type-C, or Lightning).
2. Connect the other end of the cable to a USB wall charger (not included). For fastest recharging, use a 30W PD compatible charger with the Type-C input.
3. The LED digital display will show the charging status and battery percentage. The power bank is fully charged when the display shows 100%.

4. Operating Instructions

4.1 Charging Your Devices

The power bank features three output ports (2x USB-A, 1x USB-C) to charge multiple devices simultaneously.



Image: The ROMOSS power bank simultaneously charging a tablet, a smartphone, and another device, demonstrating its multi-port output capability.

1. Connect your device's charging cable to one of the power bank's output ports (USB-A or Type-C).
2. Connect the other end of the cable to your device.
3. The power bank will automatically begin charging your device. The LED display will show the current charging status.
4. For optimal fast charging, ensure your device and cable support PD3.0 or QC4.0 technologies. For example, an iPhone 13 Pro Max can be charged up to 60% in just 30 minutes using the 30W PD output.

4.2 Understanding the LED Digital Display

The upgraded LED digital indicator provides precise information about the power bank's status.



Image: A close-up of the power bank's LED display, illustrating how it shows voltage, current, battery level, and a 'Fast Charging' indicator.

- **Battery Percentage:** Displays the remaining battery charge from 0-100%.
- **Charging Voltage (V):** Shows the current voltage during charging or discharging.
- **Charging Current (A):** Shows the current amperage during charging or discharging.
- **Fast Charge+ Mode:** A blue lightning bolt icon will illuminate when a Quick Charge-enabled device is connected and fast charging is active.

To cycle through the display modes (battery, voltage, current), press the power button briefly during use.

5. Maintenance

Proper maintenance ensures the longevity and optimal performance of your power bank.

- **Cleaning:** Use a soft, dry cloth to clean the surface of the power bank. Avoid using harsh chemicals or abrasive materials.
- **Storage:** Store the power bank in a cool, dry place away from direct sunlight, extreme temperatures, and humidity.
- **Battery Care:** To prolong battery life, avoid fully depleting the power bank frequently. Recharge it when the battery level is

low. If storing for extended periods, charge it to about 50-70% every 3-6 months.

- **Handling:** Avoid dropping or subjecting the power bank to strong impacts, as this can damage internal components.

6. Troubleshooting

If you encounter any issues with your power bank, refer to the following table for common problems and solutions:

Problem	Possible Cause	Solution
Power bank not charging	Charging cable is faulty or not properly connected. Wall adapter is not working or insufficient power.	Try a different charging cable and wall adapter. Ensure connections are secure.
Device not charging from power bank	Power bank battery is depleted. Device charging cable is faulty or not properly connected. Power bank is in standby mode.	Recharge the power bank. Try a different cable. Ensure the power bank is active (press power button).
Slow charging	Cable or device does not support fast charging. Multiple devices are connected, distributing power.	Use a fast-charging compatible cable and device. Disconnect other devices for faster charging of a single device.
LED display not working	Power bank is off or battery is completely depleted.	Press the power button. Recharge the power bank.

7. Specifications

Detailed technical specifications for the ROMOSS PD 30W 20000mAh Power Bank:

Feature	Specification
Model Number	PSW20-392
Battery Capacity	20000mAh (74Wh)
Input Ports	Micro USB, Type-C, Lightning
Output Ports	2x USB-A, 1x Type-C
Max Input Power	30W (Type-C)
Max Output Power	30W (Type-C PD), 22.5W (USB-A)
Dimensions	16.9 x 8.1 x 2.4 cm
Weight	463 Grams
Special Features	Short Circuit Protection, Fast Charging, LED Digital Display

8. Safety Information

To ensure safe operation and prevent damage, please observe the following safety precautions:



Image: An internal diagram of the power bank illustrating its built-in multiple safety protection mechanisms, including over-voltage, reset, over-charge, over-current, short circuit, and over-power protection.

- Do not expose the power bank to extreme temperatures (above 60°C/140°F) or direct sunlight.
- Do not immerse the power bank in water or expose it to rain or moisture.
- Do not disassemble, repair, or modify the power bank yourself. Refer to qualified service personnel.
- Keep the power bank away from flammable materials, gases, or liquids.
- Avoid dropping, puncturing, or crushing the power bank.

- Keep out of reach of children.
- Dispose of the power bank responsibly according to local regulations. Do not dispose of it with household waste.
- The power bank has built-in safeguards against overcharging, overheating, short circuit, and excessive current.
- This power bank can be safely carried on planes, cars, and boats.

9. Warranty and Support

ROMOSS products are manufactured to high-quality standards. For information regarding warranty coverage, please refer to the warranty card included with your purchase or the terms and conditions provided by your retailer. If you experience any issues or have questions about your ROMOSS PD 30W 20000mAh Power Bank, please contact ROMOSS customer support through the official website or your purchase platform for assistance.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

Answered questions about this manual

Why is my ROMOSS PSW20-392 power bank not charging my device even though the battery is at 100% and the cable is connected?

If your ROMOSS PSW20-392 power bank is fully charged (100%) but not outputting power to your device, please try the following troubleshooting steps based on the user manual:Activate the Power Bank: The power bank...

Read full answer