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› [ROMOSS 20000mAh 18W PD Fast Charge Power Bank \(Model: PH80 Pro\) User Manual](#)

ROMOSS PH80 Pro

ROMOSS 20000mAh 18W PD Fast Charge Power Bank (Model: PH80 Pro) User Manual

Comprehensive instructions for setup, operation, and maintenance.

1. INTRODUCTION

Thank you for choosing the ROMOSS 20000mAh 18W PD Fast Charge Power Bank, model PH80 Pro. This portable charger is designed to provide reliable and efficient power for your smart devices on the go. With its high capacity and fast charging capabilities, it ensures your devices stay powered throughout your travels and daily use. Please read this manual carefully before using the product to ensure proper operation and to maximize its lifespan.

2. PRODUCT OVERVIEW

The ROMOSS PH80 Pro power bank features a 20000mAh capacity, 18W Power Delivery (PD) fast charging, and multiple input/output ports for versatile compatibility. It is equipped with advanced charging technology to optimize charging speed for various devices.

Package Contents:

- ROMOSS 20000mAh Power Bank (PH80 Pro)
- USB Charging Cable
- User Manual

Product Features:

- **20000mAh High Capacity:** Provides multiple charges for smartphones and tablets.
- **18W PD Fast Charging:** Supports rapid charging for compatible devices and quick recharging of the power bank itself.
- **Multiple Input Ports:** Micro USB, Type-C, and Lightning inputs for convenient recharging with various cables.
- **Multiple Output Ports:** USB-A (Quick Charge compatible) and Type-C outputs for charging multiple devices simultaneously.
- **Sense6+ Fit-charge Technology:** Automatically detects and delivers optimal charging current for connected devices.
- **LED Indicator:** Displays remaining battery level.

Component Identification:



Three Choices for Input/Output

Input

5V-2.1A(Lighting)
5V-2A or 9V-2A(Micro USB and Type-C Fit charge)

Output

5V-2.1A(Micro USB)
5V-3A or 9V-2A(Micro USB and Type-C Fit charge)

Image: Top view of the ROMOSS PH80 Pro power bank showing its various input and output ports. From left to right: Micro USB input, Lightning input, USB-C input/output, USB-A output (blue, Quick Charge), and another USB-A output.

The image above illustrates the different ports available on your power bank. These include three input ports (Micro USB, Lightning, Type-C) for recharging the power bank, and three output ports (two USB-A, one Type-C) for charging your devices.

3. SETUP

Initial Charge:

Before first use, fully charge your ROMOSS power bank. This ensures optimal battery performance and longevity. The power bank is not pre-charged upon purchase.

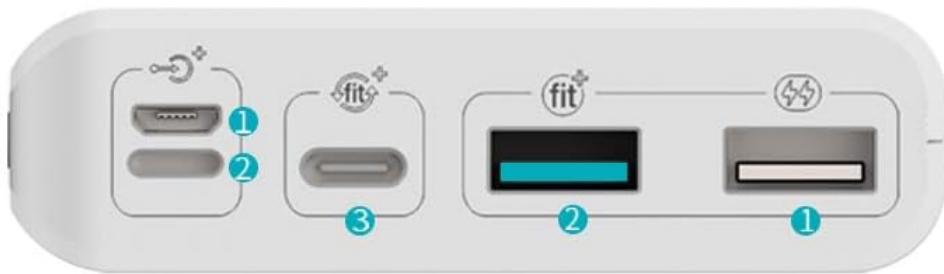
1. Connect the provided USB charging cable to one of the input ports on the power bank (Micro USB, Type-C, or Lightning).
2. Connect the other end of the cable to a compatible USB wall charger (18W PD charger recommended for fastest

charging).

3. The LED indicators on the power bank will illuminate to show the charging progress. All four LEDs will be solid when fully charged.

Only One Cable

is Required for Charging and Storage



3 Inputs & 3 Outputs

Chargers for the power bank

- ① Android Micro USB interface
- ② Apple Lightning interface
- ③ Android Type-C Two-Way interface

Chargers for your cellphone

- ① ⚡ USB interface
- ② ⚡ USB-Fast Charging Output interface
- ③ ⚡ Type-C Fast Charging Output interface

Image: A close-up of the ROMOSS PH80 Pro power bank being recharged using a USB-C cable. The LED indicators show the current charge level.

Using an 18W fast charger, the power bank can be fully recharged in approximately 7-8 hours. The "One Cable for All" design allows you to use the same cable for charging your phone and recharging the power bank, whether it's an iPhone (Lightning), Android (Micro USB), or a device with USB-C.

Your browser does not support the video tag.

Video: This video demonstrates the fast charging capabilities of the ROMOSS 20000mAh power bank, showing how quickly it can charge a smartphone and how it can be recharged using an 18W adapter. It also highlights the "One Cable for All" feature, allowing the use of different cable types for recharging the power bank.

4. OPERATING INSTRUCTIONS

Charging Your Devices:

The power bank can charge up to three devices simultaneously using its USB-A and Type-C output ports.

1. Connect your device's charging cable to one of the output ports on the power bank (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 indicators will show the remaining battery level.



Image: The ROMOSS PH80 Pro power bank actively charging two smartphones simultaneously via USB cables, demonstrating its multi-device charging capability.

The power bank's intelligent charging technology (Sense6+ Fit-charge) automatically detects the connected device and delivers the optimal charging current, ensuring fast and safe charging.

Fit+ Two-way Fast Charge Technology

Up to 18W output, improve charging efficiency greatly;
Fully recharge in just 7-8 hours with a 18W charger.

Normal QC Portable Charger

 18%

5V/2A

After 30 minutes charging for
iPhone X

SENSE 6+

 50%

9V/2A

After 30 minutes charging for
iPhone X



Image: A comparison showing the fast charging performance of the ROMOSS PH80 Pro. An iPhone X charges to 50% in 30 minutes using the power bank's 9V/2A output, compared to 18% with a normal 5V/2A charger.

For devices like the iPhone X, the 18W PD output can charge up to 50% in just 30 minutes, significantly faster than standard chargers.

Power for Days

20000 mAh Capacity



Image: This image illustrates the charging capacity of the 20000mAh ROMOSS power bank, showing it can provide approximately 7.3 charges for an iPhone X, 6.6 charges for a Samsung S8, and 2.6 charges for an iPad mini 3.

The 20000mAh capacity allows for multiple charges: approximately 7.3 charges for an iPhone X, 6.6 charges for a Samsung S8, and 2.6 charges for an iPad mini 3.

Checking Battery Level:

Press the power button once to check the remaining battery level. The LED indicators will light up, with each light representing approximately 25% of the battery capacity.

- 1 LED: 0-25%
- 2 LEDs: 25-50%
- 3 LEDs: 50-75%
- 4 LEDs: 75-100%

5. MAINTENANCE

- Store the power bank in a cool, dry place away from direct sunlight and extreme temperatures.
- Avoid dropping or subjecting the power bank to strong impacts.
- Do not expose the power bank to water or moisture.
- Clean the exterior with a soft, dry cloth. Do not use harsh chemicals or abrasive materials.
- For optimal battery health, fully charge and discharge the power bank at least once every three months if not in regular use.

6. TROUBLESHOOTING

Power Bank Not Charging:

- Ensure the charging cable is securely connected to both the power bank's input port and the wall charger.
- Verify that the wall charger is functioning correctly and plugged into a live power outlet.
- Try using a different charging cable or wall adapter to rule out cable/adapter issues.

Device Not Charging from Power Bank:

- Check if the power bank has sufficient charge (refer to LED indicators).
- Ensure the charging cable is securely connected to both the power bank's output port and your device.
- Try using a different charging cable or a different output port on the power bank.
- Some devices may require pressing the power button on the power bank to initiate charging.

Slow Charging:

- Ensure you are using a fast-charging compatible cable and device for optimal speed.
- If charging multiple devices, the total output current is shared, which may reduce individual charging speeds.
- Environmental factors like temperature can affect charging efficiency.

7. SPECIFICATIONS

Model Number	PH80 Pro
Battery Capacity	20000mAh (74Wh)
Input (Micro USB)	5V/2A, 9V/2A
Input (Lightning)	5V/2.1A
Input (Type-C)	5V/2A, 9V/2A
Output (USB-A 1)	5V/2.1A
Output (USB-A 2)	5V/3A, 9V/2A, 12V/1.5A (Quick Charge)
Output (Type-C)	5V/3A, 9V/2A, 12V/1.5A (Power Delivery)
Dimensions	6.57 x 3.15 x 0.91 inches
Weight	1.03 pounds
Battery Type	Lithium Polymer

8. SAFETY INFORMATION

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

- Do not disassemble, open, or shred the battery pack.
- Do not expose the power bank to heat or fire. Avoid storage in direct sunlight.
- Do not short-circuit the power bank.
- Do not expose the power bank to mechanical shock.
- In case of a battery leak, do not allow the liquid to come into contact with skin or eyes. If contact has occurred, wash the affected area with copious amounts of water and seek medical advice.
- Keep the power bank out of reach of children.
- Use only the charging cables and adapters recommended by the manufacturer.
- Do not use the power bank if it has been damaged or modified.
- Dispose of the power bank responsibly according to local regulations.

9. WARRANTY AND SUPPORT

ROMOSS products are designed and manufactured to the highest quality standards. For information regarding warranty coverage, technical support, or customer service, please refer to the official ROMOSS website or contact their customer support directly. Keep your purchase receipt as proof of purchase for warranty claims.

Official ROMOSS Store: [Visit the ROMOSS Store on Amazon](#)