Oraimo OPB-P204DQ

Oraimo 20000mAh Power Bank User Manual

Model: OPB-P204DQ

1. Introduction

The Oraimo 20000mAh Power Bank (Model: OPB-P204DQ) is a high-capacity portable charging solution designed to keep your devices powered on the go. Featuring 20W PD 3.0 and QC3.0 quick charge technology, it offers rapid charging for a wide range of devices.

Key Features:

- 20000mAh High Capacity Li-Polymer Battery
- 20W PD 3.0 + QC3.0 Quick Charge
- Triple Fast Output (1x Type-C, 2x USB-A)
- Dual Input (Type-C & Micro USB)
- Built-in Strong LED Torch with SOS Light Alarm
- Multi-Layer Protection for safe charging
- 3D Texture for Anti-slip grip



Figure 1.1: Oraimo 20000mAh Power Bank, showcasing its sleek black design and indicator lights.

2. Setup

Before first use, it is recommended to fully charge your Oraimo Power Bank. This ensures optimal performance and battery longevity.

2.1 Initial Charging

1. Connect the provided Type-C cable to the Type-C input port on the power bank.
2. Connect the other end of the cable to a compatible USB wall adapter (not included) or a computer's USB port. For fastest charging, use an 18W PD charger.
3. The LED indicators on the power bank will illuminate to show the charging progress. All four LEDs will be solid when fully charged.
4. Alternatively, you can use a Micro USB cable to charge the power bank via its Micro USB input port.



Figure 2.1: The power bank supports dual recharging modes via Type-C and Micro-USB ports, allowing quick energy replenishment.

3. Operating Instructions

3.1 Charging Your Devices

The Oraimo Power Bank features triple fast-charging output ports, allowing you to charge up to three devices simultaneously.

1. Connect your device's charging cable to one of the power bank's output ports (Type-C, USB-A Output 1, or USB-A Output 2).
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.
4. For optimal fast charging, use the Type-C PD port for compatible devices.



Figure 3.1: Overview of the power bank's triple output ports: one 20W PD Type-C port and two 18W QC3.0 USB ports, enabling simultaneous fast charging.



Figure 3.2: Illustration of 20W PD3.0+QC3.0 Quick Charge capability, demonstrating faster charging times compared to standard power banks.

3.2 Low-Current Device Charging Mode

This power bank can automatically switch to a low-current charging mode, which is ideal for smaller devices like smartwatches, Bluetooth earbuds, or fitness trackers. This prevents overcharging and potential damage to devices that require less power.



Figure 3.3: The power bank's ability to automatically adjust charging output for low-current devices, ensuring safe and efficient charging for wearables and earbuds.

3.3 Using the LED Torch

The power bank is equipped with a strong LED torch for illumination and an SOS light alarm for emergencies.

- **To turn on/off the torch:** Double-press the power button.
- **To activate SOS lighting:** While the torch is on, double-press the power button again. The light will flash in an SOS pattern.
- The torch can provide up to 50 nights of illumination on a full charge.



Figure 3.4: Instructions for operating the integrated LED torch and activating the SOS light alarm feature for emergency situations.

4. Maintenance

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

- Keep the power bank dry. Do not expose it to moisture or liquids.
- Avoid extreme temperatures. Store in a cool, dry place away from direct sunlight and heat sources.
- Clean the power bank with a soft, dry cloth. Do not use harsh chemicals or abrasive cleaners.
- Avoid dropping or subjecting the power bank to strong impacts.
- If not used for extended periods, charge the power bank at least once every three months to maintain battery health.

5. Troubleshooting

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

Problem	Possible Cause	Solution
Power bank not charging devices.	Low battery, faulty cable, incompatible device.	Recharge the power bank. Try a different charging cable. Ensure your device is compatible.
Power bank not recharging.	Faulty charging cable/adapter, loose connection.	Check cable and adapter. Ensure connections are secure. Try a different adapter.
Slow charging.	Using a non-fast charging port/cable, device not supporting fast charge.	Use the Type-C PD port and a compatible cable for fast charging. Ensure your device supports fast charging.
LED torch not working.	Incorrect operation, low battery.	Double-press the power button to activate. Recharge the power bank.

The Oraimo Power Bank is built with a reliable circuit chip that includes multiple protection features to ensure safe operation:

- Temperature Resistance
- Short Circuit Protection
- Output Overvoltage Protection
- Input Overvoltage Protection
- Output Overcurrent Protection
- Protection From Overcharge And Over Discharge



Figure 5.1: Diagram illustrating the multi-layer protection features of the power bank's internal circuit, ensuring safe and stable power delivery.

6. Specifications

Feature	Detail
Model Number	OPB-P204DQ
Battery Capacity	20000mAh (Li-Polymer)
Micro USB Input	5V 2A, 9V 2A
Type-C Input	5V 3A, 9V 2A
Type-C Output	5V 3A, 9V 2.2A, 12V 1.5A (20W PD)

Feature	Detail
USB-A Output 1	5V 3A, 9V 2A, 12V 1.5A (QC3.0)
USB-A Output 2	5V 3A, 9V 2A, 12V 1.5A (QC3.0)
Product Dimensions	20 x 11 x 3 cm
Item Weight	200 g
Special Features	LED Torch, SOS Light Alarm, Multi-Protection, 3D Texture



Figure 6.1: Detailed dimensions of the Oraimo 20000mAh Power Bank.

7. Warranty Information

This Oraimo Power Bank comes with a**1 Year Warranty** from the date of purchase. Please retain your purchase receipt

as proof of warranty.

The warranty covers manufacturing defects and malfunctions under normal use. It does not cover damage caused by misuse, accidents, unauthorized modifications, or natural disasters.

8. Customer Support

For any queries, technical assistance, or warranty claims, please contact Oraimo customer care:

Customer Care: 1800 419 0525

Manufacturer: Oraimo

Importer/Packer: G-mobiles, Unit B301 third Floor Tower B Plot 7 Noida Uttar Pradesh-201301

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

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Answered questions about this manual

How do I deactivate the low power charging mode on the Oraimo OPB-P204DQ power bank?

Based on the manual for the Oraimo OPB-P204DQ, the low-current charging mode is designed to activate automatically when small devices (like earbuds or smartwatches) are connected to prevent overcharging. If your

power bank is...

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