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› Portronics Luxcell B 20K 20000 mAh Power Bank User Manual

Portronics POR-2181

Portronics Luxcell B 20K 20000 mAh Power Bank User Manual

Model: POR-2181

1. INTRODUCTION

Thank you for choosing the Portronics Luxcell B 20K Power Bank. This device is designed to provide portable and efficient charging for your electronic devices. Please read this manual carefully before use to ensure proper operation and to maximize the lifespan of your power bank.

What's in the Box

- Portronics Luxcell B 20K Power Bank (1N)
- Charging Cable (Type-C to Type-C) (1N)
- Documentation (User Manual) (1N)



Image 1.1: Portronics Luxcell B 20K Power Bank. This image displays the power bank's compact form factor and its integrated LED digital display, indicating 100% charge.

2. PRODUCT FEATURES

- **High Capacity:** 20,000 mAh Lithium Polymer battery for extended charging.
- **Fast Charging Output:** Features a Mach USB-A port with 22.5W maximum output and a Type-C PD 3.0 port with 20W maximum output.
- **Dual Device Charging:** Simultaneously charge two devices using the USB-A and Type-C ports.
- **Digital Battery Display:** Integrated LED display shows the exact battery percentage of the power bank.
- **Type-C Input/Output:** The Type-C port functions for both charging the power bank and charging other devices.
- **Advanced Safety:** BIS-approved with multi-layer protection against overcurrent, short circuit, over-voltage, overload, electrostatic discharge, and circuit identification issues.

- **Wake Up Button:** Activates the power bank and display.

22.5WATT

PD+Mach Charging

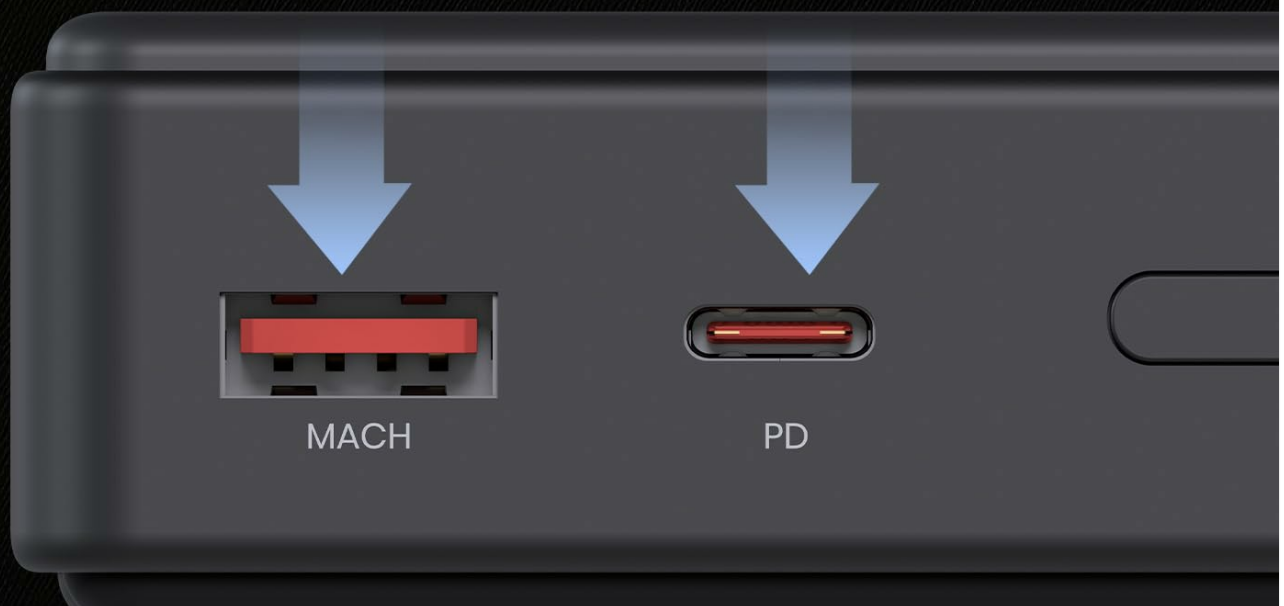


Image 2.1: Dual Charging Ports. This image highlights the Mach USB-A (22.5W) and PD Type-C (20W) output ports on the power bank.

Digital Battery Display

Stay Ahead With Instant Power
Status Updates, Always Ready



Image 2.2: Digital Battery Display. A close-up view of the power bank's transparent casing revealing the LED display, which shows the current battery percentage (100%).

3. SETUP

Initial Charging of the Power Bank

1. Before first use, fully charge the power bank for approximately 3 hours.
2. Connect the provided Type-C to Type-C charging cable to the power bank's Type-C port.
3. Connect the other end of the cable to a compatible USB wall adapter (not included).
4. The LED display will show the charging progress. It will indicate 100% when fully charged.

4. OPERATING INSTRUCTIONS

Charging the Power Bank

To recharge your Portronics Luxcell B 20K Power Bank:

1. Use the included Type-C to Type-C cable or another compatible Type-C cable.
2. Insert one end of the cable into the power bank's Type-C port (labeled 'PD').
3. Connect the other end to a USB wall charger or a computer's USB port.
4. The LED display will show the current charge level and increase as it charges.

Charging Your Devices

The power bank offers two output ports for charging your devices:

1. **Using the Mach USB-A Port (22.5W):** Connect your device's USB-A charging cable to the power bank's Mach USB-A port (labeled 'MACH').
2. **Using the Type-C PD Port (20W):** Connect your device's Type-C charging cable to the power bank's Type-C port (labeled 'PD'). This port supports Power Delivery for faster charging of compatible devices.
3. The power bank will automatically begin charging your device. If it does not, press the 'Wake Up Button' once.
4. The LED display will show the power bank's remaining charge during the charging process.

Wake Up Button Function

Press the 'Wake Up Button' once to:

- Activate the LED battery display to check the current charge level.
- Initiate charging if a device is connected but not charging automatically.

SMART DUAL PORT CHARGING

Comes with a **Charging Cable**



Mach USB A
(Output)

PD Type C
(Input/Output)

Wake
Up Button

Image 4.1: Smart Dual Port Charging. This image details the Mach USB-A output port, the PD Type-C input/output port, and the Wake Up Button on the power bank.



Image 4.2: Device Charging in Progress. The power bank is shown connected to and charging a smartphone, illustrating its 20,000 mAh capacity in use.

5. MAINTENANCE

- Keep the power bank dry and away from moisture.
- Avoid extreme temperatures (hot or cold).
- Do not drop, disassemble, or attempt to repair the device yourself.
- Clean the exterior with a soft, dry cloth. Do not use harsh chemicals or abrasive materials.
- Store the power bank with approximately 50-75% charge if not used for extended periods to preserve battery health.

6. TROUBLESHOOTING

Power Bank Not Charging

- Ensure the charging cable is securely connected to both the power bank's Type-C input and the power source.
- Verify that the wall adapter or USB port is functional. Try a different adapter or port.
- Check if the charging cable is damaged. Try using a different Type-C cable.

Device Not Charging from Power Bank

- Press the 'Wake Up Button' on the power bank to activate it.
- Ensure your device's charging cable is securely connected to both the power bank and your device.
- Check if the power bank has sufficient charge remaining (refer to the LED display).
- Verify that the charging cable is not damaged. Try a different cable.
- Confirm your device is compatible with the power bank's output specifications.

Slow Charging

- Ensure you are using a fast-charging compatible cable and adapter for both the power bank and your devices.
- Some devices may limit charging speed based on their battery level or temperature.
- Using both output ports simultaneously may distribute power, potentially reducing individual port speeds.

7. SPECIFICATIONS

Feature	Detail
Model Number	POR-2181
Battery Capacity	20000 Milliamp Hours (mAh)
Battery Type	Lithium Polymer
Mach USB-A Output	22.5W Max
Type-C PD Output	20W Max
Type-C Input	Yes (for charging power bank)
Display	LED Battery Display
Special Features	22.5W Max Output, Dual Output (Type C + USB), LED Battery Display, Type C Input, Type C PD Output
Dimensions	19.5 x 8.7 x 3.7 cm
Item Weight	300 g
Country of Origin	India

8. SAFETY INFORMATION

The Portronics Luxcell B 20K Power Bank is BIS-approved and incorporates advanced chip protection layers to ensure safe operation. These protections include:

- Overcurrent Protection
- Short Circuit Protection
- Over-Voltage Protection
- Overload Protection
- Electrostatic Protection
- Circuit Identification Protection

Important Safety Precautions:

- Do not expose the power bank to water or other liquids.
- Avoid dropping or subjecting the power bank to strong impacts.
- Do not use the power bank in environments with high temperatures or humidity.
- Keep out of reach of children.
- Dispose of the power bank responsibly according to local regulations. Do not dispose of it in household waste.

ADVANCED MULTILAYER PROTECTION

BIS CERTIFIED



Overcurrent Protection



Short Circuit Protection



Over-Voltage Protection



Overload Protection



Electrostatic Protection



Circuit Identification
Protection



Image 8.1: Advanced Multilayer Protection. This diagram illustrates the various safety features built into the power bank, including protection against overcurrent, short circuit, over-voltage, overload, electrostatic discharge, and circuit identification issues.

9. WARRANTY AND SUPPORT

For warranty information and customer support, please contact Portronics directly.

Manufacturer Contact Information:

- Portronics Digital Pvt Ltd
- First Floor Property No D 8 Upper Basement Sector 8 Noida Uttar Pradesh 201301, India
- Email: help@portronics.com
- Phone: +91 9555-245-245

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

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