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pTron Dynamo Spark

pTron Dynamo Spark 10000mAh 22.5W Power Bank User Manual

Model: Dynamo Spark

1. Introduction

The pTron Dynamo Spark is a compact and powerful 10000mAh Li-polymer power bank designed for fast charging of various portable devices. It features multiple input and output ports, including 22.5W USB and 20W Power Delivery (PD) Type-C, allowing for efficient and simultaneous charging. This manual provides essential information for the safe and effective use of your power bank.

Image 1: The pTron Dynamo Spark 10000mAh Power Bank in Jet Black.

2. What's in the Box

Please check the package contents upon unboxing:

- 1 x pTron Dynamo Spark 10000mAh Power Bank
- 1 x Type-C USB Charging Cable (short, 3A)

3. Product Features

- **10000mAh Li-polymer Battery:** High-capacity battery for extended power.
- **22.5W Fast Charging Output:** Delivers rapid charging speeds for compatible devices.
- **20W PD Fast Charging (Type-C):** Power Delivery support for quick charging of modern smartphones and tablets.
- **Multiple Ports:** Features 3 output ports (1x Type-C/PD, 2x USB) and 2 input ports (Micro USB, Type-C/PD).
- **Simultaneous Charging:** Capable of charging up to three devices concurrently.
- **Compact Size:** Designed for portability and easy carrying.
- **LED Indicator Lights:** Four LED lights display the remaining battery percentage (25%, 50%, 75%,

100%).

- **Multi-layer Protection:** Built-in chipset with safeguards against overvoltage, overcurrent, over-temperature, and short-circuit.
- **Universal Compatibility:** Works with a wide range of smartphones, tablets, and other USB-powered devices.

Image 2: Key features of the pTron Dynamo Spark power bank, including capacity, charging outputs, and safety protections.

4. Setup

Before first use, it is recommended to fully charge your pTron Dynamo Spark power bank.

1. Connect the provided Type-C USB cable to the power bank's Type-C input port or use a Micro USB cable with the Micro USB input port.
2. Connect the other end of the cable to a compatible USB wall charger (not included).
3. The LED indicator lights will illuminate to show the charging progress. All four lights will be solid when fully charged.

Image 3: The four LED indicator lights on the power bank display the charge level.

5. Operating Instructions

5.1 Charging the Power Bank

The power bank can be charged using either the Micro USB input or the Type-C/PD input port.

- Connect a compatible charging cable to either the Micro USB or Type-C input port on the power bank.
- Plug the other end of the cable into a USB power source (e.g., wall adapter, computer USB port).
- The LED indicators will flash during charging and remain solid when fully charged.

5.2 Charging Your Devices

The pTron Dynamo Spark offers three output ports for charging your devices:

- **Type-C/PD Output:** Supports 20W Power Delivery for fast charging compatible devices.
- **USB Outputs (x2):** Each supports up to 22.5W fast charging.

1. Connect your device's charging cable to one of the available output ports on the power bank.
2. Connect the other end of the cable to your device.
3. The power bank will automatically begin charging your device.

4. You can charge up to three devices simultaneously. For optimal fast charging, ensure your device and cable also support the respective fast charging protocols (e.g., QC, PD).

Image 4: The various input and output ports on the pTron Dynamo Spark power bank.

Image 5: The power bank can charge multiple devices at once.

6. Maintenance

To ensure the longevity and optimal performance of your power bank, follow these maintenance guidelines:

- **Storage:** Store the power bank in a cool, dry place away from direct sunlight and extreme temperatures.
- **Cleaning:** Use a soft, dry cloth to clean the exterior of the power bank. Do not use liquid cleaners or aerosols.
- **Avoid Drops:** Protect the device from drops, impacts, and heavy pressure.
- **Water Exposure:** Keep the power bank away from water and other liquids.
- **Regular Use:** If not used for extended periods, charge and discharge the power bank at least once every three months to maintain battery health.

7. Troubleshooting

If you encounter issues with your pTron Dynamo Spark power bank, refer to the following common solutions:

Problem	Possible Solution
Power bank not charging	Ensure the charging cable and wall adapter are working correctly. Try a different cable or adapter. Check if the input port is clean and free of debris.
Device not charging from power bank	Ensure the power bank has sufficient charge. Try a different output port or charging cable. Verify your device's charging port is clean.
Slow charging	Ensure both the power bank and your device support fast charging protocols (e.g., 22.5W USB, 20W PD). Use a high-quality, compatible fast-charging cable. Charging multiple devices simultaneously may reduce individual charging speeds.
LED indicators not working	The power bank might be completely discharged or there could be an internal issue. Try charging the power bank for an extended period. If the issue persists, contact customer support.

If the problem persists after trying these solutions, please contact pTron customer support.

8. Specifications

Feature	Detail
Battery Capacity	10000 mAh (Lithium Polymer)
USB Output	22.5W (10V-2.25A)
Type-C Input/Output	20W Power Delivery (PD)
Micro USB Input	Standard charging input
Number of Output Ports	3 (1x Type-C, 2x USB Type-A)
Number of Input Ports	2 (1x Micro USB, 1x Type-C)
Special Features	Fast Charging, LED Indicator Lights, Lightweight, Over Charging Protection, Short Circuit Protection
Dimensions	10.8 x 10 x 3.4 cm (approximate)
Item Weight	190 g
Country of Origin	India

9. Warranty and Support

The pTron Dynamo Spark power bank comes with a **1-year manufacturer warranty** from the date of purchase, covering manufacturing defects only.

For warranty claims, technical support, or any product-related inquiries, please contact:

- **Manufacturer:** PALRED ELECTRONICS PVT. LTD.

- **Customer Care Contact:** 040-67138888
- **Email:** support@ptron.in

Additional warranty options, such as a 1-year extended warranty by Onsitego, may be available for purchase separately.

10. Product Video Overview

Your browser does not support the video tag.

Video 1: A brief overview of the pTron Dynamo Spark 10000mAh Power Bank, highlighting its key features and design.

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