

PISEN TP-D039

PISEN 20000mAh 22.5W Portable Power Bank (Model TP-D039) User Manual

Model: TP-D039 | Brand: PISEN

Introduction	Product Overview	Specifications	Charging the Power Bank	Charging Devices
	Safety Information	Maintenance	Troubleshooting	Warranty & Support

1. INTRODUCTION

This manual provides instructions for the safe and efficient use of your PISEN 20000mAh 22.5W Portable Power Bank, Model TP-D039. Please read this manual thoroughly before use and retain it for future reference.

2. PRODUCT OVERVIEW

The PISEN 20000mAh 22.5W Portable Power Bank is designed to provide reliable power for your electronic devices on the go. It features fast charging capabilities, multiple output ports, and an intelligent LED display.

Package Contents:

- PISEN 20000mAh 22.5W Portable Power Bank
- USB Charging Cable (Type-C)
- User Manual

Component Identification:





Figure 1: Front view of the PISEN 20000mAh 22.5W Portable Power Bank, showing the LED display and PISEN logo.

The image above shows the main unit of the power bank. It features an LED display indicating battery percentage and charging status. The PISEN logo is visible on the front surface.

22.5W Fast Charging



Note: Data based on internal testing

Figure 2: Diagram illustrating the input and output ports of the power bank.

This diagram highlights the various ports: two USB-A output ports (22.5W each), one USB-C port (20W output, 18W input), and one Micro-USB input port (18W input). These ports allow for versatile charging and recharging options.

3. SPECIFICATIONS

Feature	Detail
Model Number	TP-D039
Battery Capacity	20000mAh
USB-C Output	20W (PD3.0)
USB-A Output (x2)	22.5W (QC3.0)
USB-C Input	18W
Micro-USB Input	18W
Dimensions	5.8 x 2.58 x 1.06 inches
Weight	1.04 pounds (approx. 470g)
Display	LED Digital Display
Certifications	CCC, CE, FCC, ROHS, UL2056

4. CHARGING THE POWER BANK

Before initial use, fully charge the power bank. The LED display will show the charging progress.

- Using USB-C Input:** Connect a USB-C charging cable to the power bank's USB-C port and the other end to a compatible USB wall charger (not included).
- Using Micro-USB Input:** Connect a Micro-USB charging cable to the power bank's Micro-USB port and the other end to a compatible USB wall charger (not included).

The LED display will show the battery percentage increasing during charging. Once it reaches 100%, the power bank is fully charged.

5. CHARGING YOUR DEVICES

The power bank supports charging up to three devices simultaneously.

- Connect Device:** Use an appropriate charging cable to connect your device to one of the power bank's output ports (USB-A1, USB-A2, or USB-C).
- Automatic Charging:** The power bank will automatically detect the connected device and begin charging. The LED display will show the remaining battery percentage.
- Disconnect:** Once your device is fully charged, disconnect it from the power bank.

Note: While a single USB-A port supports up to 22.5W output, and the USB-C port supports 20W output, when multiple ports are in use simultaneously, the shared total output is 15W.

3 Outputs and 2 Input Adapt

Seamlessly to Any Charging Need

22.5W

USB-A Port
22.5W Output

USB-C Port
20W Output & 18W Input

USB-A Port
22.5W Output

Micro-USB Port
18W Input

Figure 3: The power bank simultaneously charging a smartwatch, earbuds, and a smartphone.

This image demonstrates the power bank's capability to charge multiple devices, such as a smartwatch, wireless earbuds, and a smartphone, at the same time.

6. SAFETY INFORMATION

Your PISEN power bank is equipped with multiple safety features. Adhere to the following guidelines for safe operation:

- Do not expose the power bank to extreme temperatures (above 60°C/140°F or below 0°C/32°F).
- Do not disassemble, modify, or repair the device.
- Avoid dropping, impacting, or subjecting the power bank to strong vibrations.
- Keep away from water, moisture, and flammable materials.
- Use only certified charging cables and adapters.
- Keep out of reach of children.
- Dispose of the power bank according to local regulations for electronic waste.

Built-in Protections:

- Over Discharge Protection
- Input Voltage Protection
- Short-circuit Protection
- Over Current Protection
- Output and Input Short Connection Protection
- Charge/Discharge Over Temperature Protection

Safety Assured



Short-Circuit
Protection



Over-Current
Protection



Overheat
Protection



Temperature
Protection



Over-Voltage
Protection



Over-Discharge
Protection



Over-Charge
Protection



Electromagnetic
Field Protection

Figure 4: Exploded view illustrating the multi-layered safety protection within the power bank.

This image provides a visual representation of the internal safety mechanisms, including various protection layers designed to ensure safe operation.

7. MAINTENANCE

- Clean the power bank with a soft, dry cloth. Do not use liquid cleaners.

- Store the power bank in a cool, dry place when not in use.
- If storing for extended periods, charge the power bank to approximately 50-75% every three months to maintain battery health.




8. TROUBLESHOOTING




Problem	Possible Cause	Solution
Power bank not charging	Cable issue, charger issue, or power bank fault.	Try a different charging cable and wall adapter. Ensure connections are secure.
Device not charging from power bank	Cable issue, device compatibility, or power bank low on charge.	Ensure power bank is charged. Try a different charging cable. Verify device compatibility with power bank output.
Slow charging	Non-fast charging cable/adapter, multiple devices charging, or device limitation.	Use a fast-charging compatible cable and adapter. If charging multiple devices, total output is limited to 15W.
LED display not working	Power bank is off or fault.	Ensure power bank is turned on (if applicable, some models have a button). If problem persists, contact support.

9. WARRANTY AND SUPPORT

PISEN products come with a 30-day refund and 12-month replacement policy. For any concerns or technical support, please contact PISEN customer service. Online support is available 24/7.
For more information, visit the official PISEN store on Amazon:[PISEN Amazon Store](#)

Related Documents - TP-D039

	Pisen Q12 Magnetic Wireless Charger - Specifications and Compliance Detailed specifications, packaging information, product appearance, and FCC compliance for the Pisen Q12 Magnetic Wireless Charger (Model OJD-Q203).
	PISEN LS-DY102 20000mAh Power Bank User Manual & Specifications Comprehensive user guide for the PISEN LS-DY102 20000mAh Power Bank, detailing technical specifications, product structure, and essential safety reminders for optimal performance.
	PISEN 2-in-1 Wireless Charging Stand (TP-C30) User Manual User manual for the PISEN 2-in-1 Wireless Charging Stand (TP-C30), detailing technical specifications, operating instructions, precautions, and FCC compliance.

	<p>PISEN TP-C117 4-in-1 Folding Wireless Charging Stand User Manual</p> <p>User manual for the PISEN TP-C117 4-in-1 folding wireless charging stand with night light. Includes specifications, diagrams, safety instructions, and FCC compliance.</p>
	<p>PISEN M1 Magnetic Wireless Speaker User Manual (TP-YX01)</p> <p>User manual for the PISEN M1 Magnetic Wireless Speaker (Model TP-YX01) by PISEN. Learn about specifications, usage, button functions, indicator lights, warnings, and FCC compliance.</p>
	<p>Pisen LCD Power Bank 5000, 7500, 10000mAh User Manual</p> <p>User manual for Pisen LCD Power Bank models 5000mAh, 7500mAh, and 10000mAh, detailing features, operation, and compatibility with various devices like Apple, Samsung, Huawei, and more.</p>