Krisdonia NJF-2

Krisdonia NJF-2 Portable Laptop Power Bank User Manual

1. Introduction

The Krisdonia NJF-2 Portable Laptop Power Bank is a high-capacity external battery designed to provide power for laptops, smartphones, tablets, and other USB-powered devices. With a 25000mAh (92.5Wh) capacity, it offers extended power on the go, making it suitable for travel and daily use. This power bank features adjustable DC output for direct laptop charging and multiple USB ports for versatile device compatibility.



Image 1.1: Krisdonia NJF-2 Portable Laptop Power Bank, showcasing its sleek gray design and port layout.

2. Package Contents

Please verify that all items listed below are included in your package:

- Krisdonia NJF-2 Portable Laptop Power Bank
- 19V Power Adapter
- TYPE-C Converter
- MagSafe2 Cable
- DC Cable
- USB-A Fast Charging Cable
- 14 pieces of DC Connectors (various sizes)
- Multifunction Bag (carrying case)
- User Manual



Image 2.1: All components included with the Krisdonia NJF-2 Portable Laptop Power Bank, neatly arranged.

3. Product Features

- **High Capacity**: 25000mAh / 92.5Wh battery for extended power.
- **Adjustable DC Output**: Six common DC voltages (5V to 20V) for direct laptop charging.
- **Multiple Charging Ports**: Includes DC-OUT for laptops, TYPE-C Output (5V/9V/12V 3A), and two USB-A Outputs (OUT1, OUT2) supporting Quick Charge 3.0 (5V/9V/12V 3A).
- **Fast Recharge**: DC-IN 19V/2A allows full recharge in approximately 3-3.5 hours.
- **Pass-Through Charging**: Simultaneously charge the power bank and connected devices.
- **LED Digital Display**: Clearly shows current DC voltage and battery level.
- **Compact and Portable**: Dimensions 5" x 5.9" x 1.1", weight 1.5lb, making it easy to carry.
- **TSA-Approved**: Complies with TSA regulations for air travel.

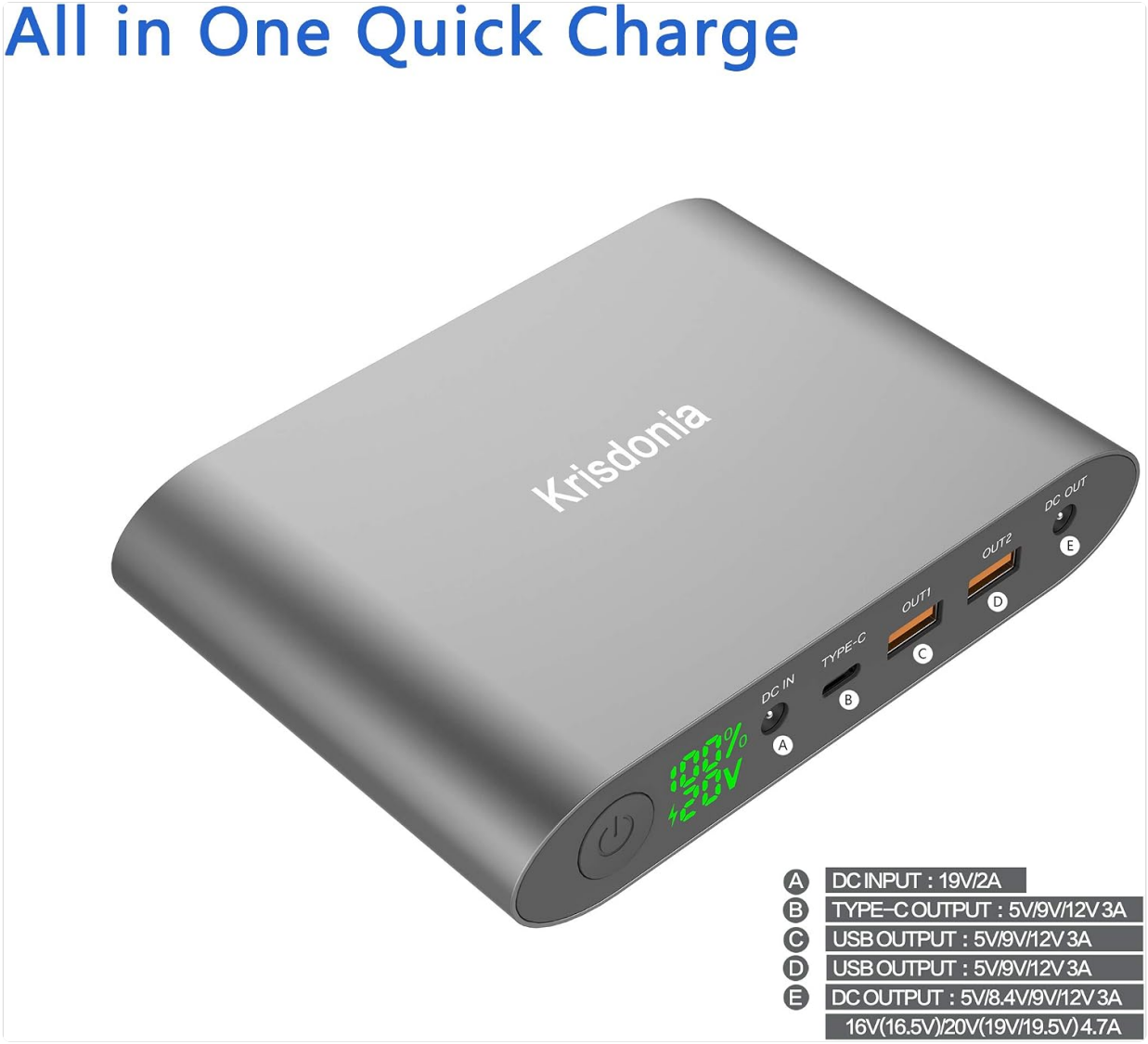


Image 3.1: Close-up view of the Krisdonia NJF-2 Power Bank's ports, including DC-IN, Type-C, USB-A (OUT1, OUT2), and DC-OUT, with the LED display showing battery percentage and voltage.

4. Setup and Getting Started

1. **Initial Charge**: Before first use, fully charge the power bank using the provided 19V power adapter. The LED display will show the battery percentage.
2. **Identify Laptop Voltage**: Check the voltage requirements of your laptop. This information is usually found on the laptop's bottom label (e.g., "Input: 20V") or on its original power adapter (e.g., "Output: 20V").
3. **Select Correct DC Connector**: Choose the appropriate DC connector from the included 14 pieces that fits your laptop's charging port.
4. **Connect DC Cable**: Attach the selected DC connector to the DC cable, then connect the DC cable to your laptop.



Image 4.1: The array of 14 different DC connectors provided, ensuring compatibility with a wide range of laptops.

5. Operating Instructions

5.1. Charging the Power Bank

To charge your Krisdonia NJF-2 Power Bank:

1. Connect the provided 19V power adapter to the "DC-IN" port on the power bank.
2. Plug the adapter into a wall outlet.
3. The LED display will show the charging status and battery percentage. A full charge typically takes 3-3.5 hours.



Image 5.1: The Krisdonia NJF-2 Power Bank connected to its 19V power adapter for recharging, with the LED display showing 76% battery and 19V input.

5.2. Charging Laptops via DC-OUT Port

Follow these steps to charge your laptop using the DC-OUT port:

1. **Step 1: Connect DC Cable and Adapter**: Select the correct DC connector for your laptop and attach it to the DC cable. Plug the DC cable into your laptop's charging port.
2. **Step 2: Turn On Power Bank**: Long press the power button on the power bank to turn it on. The LED display will illuminate.
3. **Step 3: Set Voltage**: Double-click the power button to cycle through the available DC voltage settings (5V, 8.4V, 9V, 12V, 16V, 20V). Set the voltage to match your laptop's required input voltage.
4. **Step 4: Connect to Power Bank**: Plug the other end of the DC cable into the "DC-OUT" port on the power bank. Your laptop should begin charging.

Important: Always set the correct voltage before connecting the DC cable to the DC-OUT port to avoid damaging your device.

Video 5.2: This video demonstrates the process of connecting the Krisdonia NJF-2 Power Bank to a laptop, setting the correct voltage, and initiating charging.

5.3. Charging Devices via USB-A and Type-C Ports

To charge smartphones, tablets, or other USB-powered devices:

- Connect your device's charging cable to either the "TYPE-C" output port or one of the "OUT1" or "OUT2" USB-A ports on the power bank.
- Connect the other end of the cable to your device.
- The power bank will automatically detect and deliver the appropriate charging current. The USB-A ports support Quick Charge 3.0 for compatible devices.



Image 5.3: The Krisdonia NJF-2 Power Bank simultaneously charging a laptop, a smartphone, and a tablet, demonstrating its multi-device charging capability.

5.4. Pass-Through Charging

The power bank supports pass-through charging, allowing you to charge the power bank itself while simultaneously charging connected devices.

1. Ensure the power bank is connected to its 19V power adapter (charging itself).
2. Long press the power button for 2 seconds to activate pass-through mode.
3. You can now connect your devices to the output ports, and they will charge alongside the power bank.

6. Maintenance

- **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 solvents.
- **Battery Care**: To prolong battery life, avoid fully discharging the power bank regularly. Recharge it when the battery level is low. If storing for extended periods, charge it to about 50-70% every 3-6 months.
- **Avoid Physical Damage**: Protect the power bank from drops, impacts, and excessive pressure.

7. Troubleshooting

- **Power Bank Not Charging Devices:**

- Ensure the power bank is sufficiently charged. Check the LED display for battery level.
- Verify that the correct voltage is selected for laptops when using the DC-OUT port.
- Check all cable connections to ensure they are secure.
- If charging a laptop via DC-OUT, ensure the laptop's current draw is within the power bank's limits.

- **Power Bank Shuts Off After 1 Minute (DC-OUT):**
  - This can occur if the laptop's current draw is too high, triggering the power bank's overcurrent protection.
  - Try charging the laptop while it is turned off or in sleep mode, or with the screen closed, to reduce the initial power demand.
  - Ensure the selected voltage matches your laptop's requirement precisely.
- **Low Shutdown Current for USB & TYPE-C ports (50mA) / DC-OUT port (100mA):**
  - If a device draws very low current, the power bank may automatically shut off to conserve power. This is normal behavior for low-power devices.
- **Laptop Not Recognizing Charge (DC-OUT):**
  - Double-check that the selected DC connector is the correct size and type for your laptop.
  - Ensure the voltage setting on the power bank matches your laptop's input voltage.
  - Verify the DC cable is securely connected to both the power bank and the laptop.
- **Slow Charging:**
  - Ensure you are using the provided cables and adapters for optimal charging speeds.
  - Some devices may have specific charging requirements.
  - Charging multiple devices simultaneously may reduce individual charging speeds.

8. Specifications

Feature	Specification
Brand	Krisdonia
Model Number	NJF-2
Battery Capacity	25000mAh / 92.5Wh
Battery Cell Type	Lithium Polymer
DC Input	19V/2A
DC Output	5V / 8.4V / 9V / 12V (Max 3A); 16V / 20V (Max 4.7A)
TYPE-C Output	5V/9V/12V 3A
USB Output (OUT1, OUT2)	5V/9V/12V 3A (Quick Charge 3.0)
Number of Ports	4 (1x DC-OUT, 1x Type-C, 2x USB-A)
Battery Charge Time	Approx. 3-3.5 Hours
Item Dimensions (L x W x H)	5.9" x 5" x 1.1" (15cm x 12.7cm x 2.8cm)

Item Weight	675 Grams (1.5 lbs)
Special Features	Fast Charging, Over Voltage Protection, Travel (TSA-Approved)

9. Warranty and Support

- **Warranty**: Krisdonia provides a 1-year warranty for this product.
- **Customer Support**: Lifetime customer support is available. For assistance, please refer to the contact information provided in the product packaging or on the official Krisdonia website.