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› VEGER W2019 20000 mAh Lithium Polymer Power Bank User Manual

## VEGER W2019

# VEGER W2019 20000 mAh Lithium Polymer Power Bank User Manual

Model: W2019

## 1. INTRODUCTION

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Thank you for choosing the VEGER W2019 20000 mAh Lithium Polymer Power Bank. This device is designed to provide reliable and efficient portable charging for a wide range of electronic devices. Please read this manual carefully to ensure proper use and to maximize the lifespan of your power bank.



Figure 1: Main product view of the VEGER W2019 Power Bank, showing its sleek black design with a digital display indicating "100%" charge and input/output specifications.

## 2. PACKAGE CONTENTS

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Ensure all items are present in the package:

- 1 x VEGER W2019 20000 mAh Lithium Polymer Power Bank
- 1 x Micro USB Charging Cable

## 3. PRODUCT FEATURES

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The VEGER W2019 Power Bank incorporates several features for optimal performance and user convenience:

- **High Capacity:** 20000 mAh Lithium Polymer battery, capable of charging a 3000mAh phone approximately 6.6 times or a 4000mAh phone 5 times.
- **Digital Display:** An integrated LCD screen clearly shows the remaining battery percentage in real-time.
- **Dual Input Ports:** Recharge the power bank using either a Micro USB or Type-C cable, eliminating the need for multiple cables.
- **Dual Output Ports:** Simultaneously charge two devices with intelligent power output adjustment for efficient charging.
- **Universal Compatibility:** Compatible with a wide range of USB-powered devices including smartphones, tablets, Bluetooth speakers, earphones, headsets, and fitness bands.
- **Advanced Safety:** Features 9 layers of chipset protection, including high-voltage protection, current

regulation, and temperature control, to safeguard your devices.

- **Compact Design:** Despite its high capacity, the power bank maintains a portable form factor.



Figure 2: VEGER W2019 Power Bank alongside icons representing key features: BIS Certificate, Lithium Polymer battery, and Smart Protection (IC chip).

# Smart Charging



Fast Charging



Dual USB Output



Micro/Type-C Input



High Capacity



20000<sup>54Wh</sup>  
mAh

Figure 3: Detailed view of the VEGER W2019 Power Bank highlighting its "Smart Charging" capabilities, including 2A Fast Charging, Dual USB Output, Micro/Type-C Input, On/Off Button, Digital Display, and 20000mAh High Capacity.

# Small Body , Big Capacity



Figure 4: Size comparison of the VEGER W2019 Power Bank with a credit card, showing its dimensions (147mm length, 67mm width, 27mm thickness) to illustrate its "Small Body, Big Capacity".

## 4. SETUP

### 4.1 Initial Charging

Before first use, fully charge your VEGER W2019 Power Bank. Connect the provided Micro USB cable or a Type-C cable (not included) to one of the input ports on the power bank and the other end to a USB power adapter (e.g., wall charger, computer USB port). The digital display will show the charging progress, indicating 100% when fully charged.

### 4.2 Understanding the Digital Display

The LCD display activates when the power bank is in use or when the power button is pressed. It shows the current battery percentage, allowing you to monitor the remaining charge accurately.

## 5. OPERATING INSTRUCTIONS

### 5.1 Charging Your Devices

1. Connect your device's charging cable to one of the USB 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. The digital display will show the power bank's remaining charge.

4. To stop charging, simply disconnect your device.



Figure 5: Illustration of the VEGER W2019 Power Bank charging an iPhone X, a Galaxy S9, and an iPad Air 2, indicating approximate charge cycles (5.5 times for phones, 3.5 times for iPad).

## 5.2 Recharging the Power Bank

1. Use the provided Micro USB cable or a Type-C cable to connect the power bank's input port to a USB power source.
2. The digital display will show the charging status.
3. Once the display shows 100%, the power bank is fully charged and ready for use.

## 5.3 Simultaneous Charging

The VEGER W2019 Power Bank supports charging two devices simultaneously. When two devices are connected, the power bank intelligently adjusts the power output to match each device's requirements, ensuring efficient charging speed for both.

# Universal Compatibility

## Multi-Device Charging



Figure 6: Diagram illustrating the "Universal Compatibility" of the VEGER W2019 Power Bank, showing it connected to headphones, a fitness band, a smartphone, a tablet, and a Bluetooth speaker.

## 6. MAINTENANCE

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### 6.1 Storage

- Store the power bank in a cool, dry place away from direct sunlight and extreme temperatures.
- Avoid storing in environments with high humidity.
- For long-term storage, charge the power bank to approximately 50-75% every three months to maintain battery health.

### 6.2 Cleaning

- Use a soft, dry cloth to clean the exterior of the power bank.
- Do not use harsh chemicals or abrasive cleaners.
- Keep ports free of dust and debris.

### 6.3 Battery Care

- Avoid fully discharging the power bank frequently, as this can reduce battery lifespan.
- Do not expose the power bank to fire or water.
- Do not attempt to disassemble or modify the power bank.

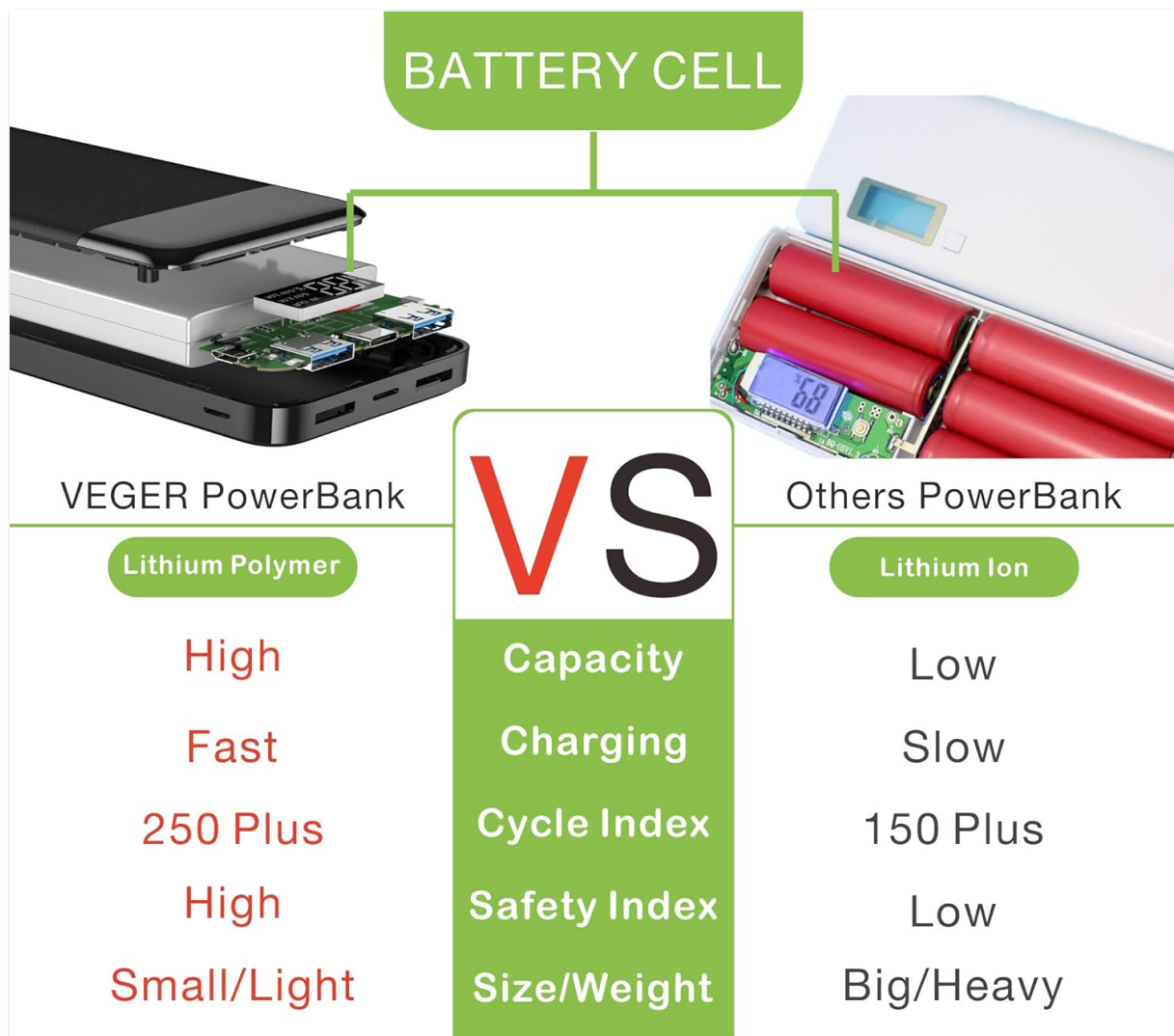


Figure 7: Comparison diagram between VEGER Power Bank (Lithium Polymer) and "Others PowerBank" (Lithium Ion), highlighting advantages of Lithium Polymer in capacity, charging speed, cycle index, safety index, and size/weight.

## 7. TROUBLESHOOTING

If you encounter issues with your VEGER W2019 Power Bank, refer to the following common solutions:

- **Power Bank Not Charging:**

- Ensure the charging cable is securely connected to both the power bank's input port and the power source.
- Try a different charging cable or power adapter.
- Verify the power source is active.

- **Device Not Charging from Power Bank:**

- Ensure the power bank has sufficient charge (check the digital display).
- Verify the charging cable connecting the power bank to your device is functional and securely connected.
- Try a different output port on the power bank.
- Press the power button on the power bank to activate charging if it doesn't start automatically.

- **Slow Charging:**

- Ensure you are using a high-quality charging cable.
- If charging two devices simultaneously, the output current is shared, which may result in slower

charging for each device.

- Some devices may have specific charging requirements; ensure compatibility.

- **Digital Display Not Working:**

- Press the power button to activate the display.
- If the power bank is completely discharged, the display may not light up until it receives some charge.

## 8. SPECIFICATIONS

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<b>Brand</b>	VEGER
<b>Model</b>	W2019
<b>Battery Capacity</b>	20000 mAh
<b>Battery Cell Composition</b>	Lithium Polymer
<b>Input Ports</b>	Micro USB, USB Type-C (5V/2.1A)
<b>Output Ports</b>	2 x USB-A (5V/2.1A, 5V/1.0A)
<b>Voltage</b>	5 Volts
<b>Product Dimensions</b>	6.7 x 2.7 x 14.7 cm
<b>Item Weight</b>	450 g
<b>Special Features</b>	Digital Display, Compact Design, Intelligent Power Output, Two Way Fast Charging, 9-Layer Protection
<b>Compatible Devices</b>	Smartphones, Tablets, BT Speakers, Earphones, Headsets, Fitness Bands, etc.

## 9. WARRANTY AND SUPPORT

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### 9.1 Warranty Information

The VEGER W2019 Power Bank comes with a **6-month warranty** from the date of purchase. This warranty covers manufacturing defects and issues arising from normal use. It does not cover damage caused by misuse, accidents, unauthorized modifications, or natural disasters.

Please retain your purchase receipt as proof of purchase for warranty claims.

### 9.2 Customer Support

For any questions, technical assistance, or warranty claims, please contact VEGER customer support through the retailer where the product was purchased or refer to the official VEGER website for contact information.