

Samsung EB-P4520XUEGEU

Samsung 20Ah Battery Pack (SFC 45W) User Manual

Model: EB-P4520XUEGEU

1. INTRODUCTION

Thank you for purchasing the Samsung 20Ah Battery Pack (EB-P4520XUEGEU). This portable power bank is designed to provide reliable and fast charging for your compatible devices, including smartphones, tablets, and even some laptops. With a large 20,000 mAh capacity and Super Fast Charging (SFC) up to 45W, it ensures your devices stay powered throughout the day. This manual provides essential information on how to set up, operate, maintain, and troubleshoot your battery pack.

2. SAFETY INFORMATION

Please read all safety warnings and precautions carefully before using the product to ensure safe and proper use.

- Do not expose the battery pack to extreme temperatures (above 60°C/140°F or below 0°C/32°F).
- Avoid dropping, impacting, or disassembling the device. This may cause damage or malfunction.
- Keep the battery pack away from water, moisture, and flammable materials.
- Use only approved chargers and cables. Using unapproved accessories may cause fire, explosion, or other hazards.
- Do not attempt to repair or modify the battery pack yourself. Contact authorized service personnel for assistance.
- Keep out of reach of children.

3. PACKAGE CONTENTS

Verify that all items are present in your product box:

- Samsung 20Ah Battery Pack (EB-P4520XUEGEU)
- USB Type-C to USB Type-C Charging Cable (30 cm, 5 A)
- Quick Start Guide (this manual serves as a detailed guide)



Image: The Samsung 20Ah Battery Pack in beige, shown alongside its included USB Type-C to USB Type-C charging cable.

4. PRODUCT OVERVIEW

Familiarize yourself with the components of your Samsung 20Ah Battery Pack.





Image: A close-up view of the top edge of the power bank, showing the power button, three USB Type-C ports, and four small LED indicator lights.

- **Power Button:** Activates the battery pack and checks battery level.
- **USB Type-C Ports (x3):** Used for both charging the battery pack and charging external devices.
- **LED Indicators (x4):** Display the remaining battery charge level. Each LED typically represents approximately 25% of the charge.

5. SETUP

5.1 Initial Charging of the Battery Pack

Before first use, it is recommended to fully charge your Samsung 20Ah Battery Pack.

1. Connect one end of the included USB Type-C to USB Type-C cable to any of the USB Type-C ports on the battery pack.
2. Connect the other end of the cable to a compatible USB wall charger (not included). For optimal charging speed, use a Samsung Super Fast Charging wall adapter.
3. The LED indicators will illuminate to show the charging progress. All four LEDs will be solid when the battery pack is fully charged.

Note: The battery pack can be fully recharged in approximately 4 hours with a suitable charger.

6. OPERATING

6.1 Charging Your Devices

The Samsung 20Ah Battery Pack can charge a wide range of USB Type-C compatible devices.

1. Connect one end of your device's charging cable (or the included cable) to your device.
2. Connect the other end of the cable to any of the USB Type-C ports on the battery pack.
3. The battery pack will automatically begin charging your device. If it does not, press the power button once.
4. The LED indicators on the battery pack will show its remaining charge level while charging.

Super Fast Charging (SFC): When only one device is connected, the battery pack supports Super Fast Charging up to 45W for compatible devices.

6.2 Charging Multiple Devices Simultaneously

The battery pack features three USB Type-C ports, allowing you to charge up to three devices concurrently.

- Connect each device to a separate USB Type-C port on the battery pack.
- When three devices are charged simultaneously, the maximum charging speed for each port is 10W.
- For optimal charging of a laptop, it is recommended to charge only one laptop at a time and to charge the device when it is off or in power-saving mode.



Image: A side view of the Samsung 20Ah Battery Pack, highlighting the three USB Type-C ports and the power button.

7. MAINTENANCE

7.1 Cleaning

- Wipe the battery pack with a soft, dry cloth.
- Do not use harsh chemicals, cleaning solvents, or strong detergents.

7.2 Storage

- Store the battery pack in a cool, dry place away from direct sunlight and extreme temperatures.
- If storing for an extended period, charge the battery pack to about 50% every three months to prolong battery life.

7.3 Battery Care

- Avoid fully discharging the battery pack frequently, as this can reduce its overall lifespan.
- It is normal for the battery pack to become slightly warm during charging or discharging. If it becomes excessively hot, disconnect it immediately.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Battery pack not charging.	Cable or charger issue; battery pack fully discharged.	Ensure cable and charger are working correctly. Try a different cable/charger. Allow a few minutes for a deeply discharged battery pack to respond.
Device not charging from battery pack.	Battery pack is off or depleted; cable issue; device incompatibility.	Press the power button on the battery pack. Check LED indicators for charge level. Try a different cable. Ensure your device is compatible with USB Type-C charging.
Slow charging speed.	Multiple devices connected; non-SFC compatible cable/device/charger.	Disconnect other devices for faster charging. Ensure all components (cable, device, charger for the power bank itself) support Super Fast Charging for optimal speed.
LED indicators not lighting up.	Battery pack is off or completely depleted.	Press the power button. Connect the battery pack to a power source to charge it.

9. SPECIFICATIONS

Feature	Detail
Model Number	EB-P4520XUEGEU
Battery Capacity	20,000 mAh
Max Charging Output (Single Device)	45W Super Fast Charging (SFC)
Max Charging Output (Multiple Devices)	10W per port (when 3 devices are connected)
Number of Ports	3 x USB Type-C
Battery Composition	Lithium-ion Polymer
Included Cable	USB Type-C to USB Type-C (30 cm, 5 A)

Feature	Detail
Color	Beige
Compatible Devices	Tablets, Smartphones (e.g., Samsung Galaxy S10 Plus, Samsung Galaxy Note9)





Image: An angled view of the Samsung 20Ah Battery Pack, highlighting its beige color and the embossed '20' indicating its capacity.

10. WARRANTY AND SUPPORT

Samsung products are designed to provide reliable performance. In the unlikely event that you encounter an issue, please refer to the warranty information provided with your purchase.

- **Warranty Period:** The product typically comes with a 2-year warranty for spare parts availability. Please check your purchase receipt or Samsung's official website for specific warranty terms in your region.
- **Customer Support:** For technical assistance, troubleshooting beyond this manual, or warranty claims, please visit the official Samsung support website or contact their customer service.
- **Online Support:** www.samsung.com/support/

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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

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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