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› Battery Pack and USB Travel Charger for Samsung VP-D80, VP-D81, VP-D82, VP-D83 Digital Video Camcorder - Instruction Manual

## Surpassed SB-LS70, SB-LS110, SB-LS220, AD43-00070A

# Instruction Manual

Battery Pack and USB Travel Charger

## 1. PRODUCT OVERVIEW

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This manual provides detailed instructions for the safe and efficient use of your Surpassed USB Travel Charger and compatible Li-ion Battery Pack. This product is designed to provide reliable power for your Samsung VP-D80, VP-D81, VP-D82, and VP-D83 Digital Video Camcorders, as well as other devices compatible with SB-LS70, SB-LS110, SB-LS220, and AD43-00070A battery models.



Figure 1.1: Surpassed USB Travel Charger and Li-ion Battery Pack. The image shows the compact black USB charger connected via a short cable to a USB plug, alongside a black rectangular battery pack labeled "BATTERY PACK FOR SB-L110 7.4V 1300mAh".

## 2. PACKAGE CONTENTS

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

- 1 x Li-ion Battery Pack (Compatible with Samsung SB-LS70, SB-LS110, SB-LS220, AD43-00070A)
- 1 x Slim USB Charger
- 1 x USB Cable (Length: 12 inches)

## 3. SPECIFICATIONS

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Detailed specifications for the battery pack and USB charger:

### 3.1. Li-ion Battery Pack

- **Voltage:** 7.4 V
- **Capacity:** 1300mAh
- **Battery Type:** Li-ion
- **Features:** High Energy Density, High Recycle Life, Long Life, No Memory Effect, 100% Decoded and Compatible with Original Cameras and Chargers.



Figure 3.1: Close-up view of the Li-ion Battery Pack. The battery is black and rectangular, with "BATTERY PACK FOR SB-L110 7.4V 1300mAh" printed on it, along with caution symbols and CE marking.

### 3.2. USB Travel Charger

- **Design:** Ultra-thin (0.6 inches), slim and portable.
- **Input:** DC 5V +/-5% (Micro USB)
- **Output:** DC 4.2V +/-0.05V, 800mAh (MAX)
- **Safety Features:** Built with multiple circuit protection (Over-Charging, Over Current, Over Voltage, Short-Circuit, High-Temperature).
- **Certifications:** CE and Rohs Certificated.

## 4. SETUP

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Follow these steps to set up your charger and battery:

1. **Unpack Components:** Carefully remove the battery pack, USB charger, and USB cable from the packaging.
2. **Connect USB Cable:** Insert the micro-USB end of the provided USB cable into the micro-USB port on the side of the slim USB charger.
3. **Connect to Power Source:** Insert the standard USB-A end of the cable into a compatible 5V USB power source. This can be a USB wall charger, a car charger, a portable power bank, or a computer's USB port.
4. **Insert Battery:** Align the battery pack with the charging slot on the USB charger. Gently slide the battery into the slot until it clicks securely into place. Ensure the battery contacts align with the charger's pins.



## Powered by



PC



AC Charger



Car Charger



Powerbank

etc.

Figure 4.1: Illustration of various power sources for the USB charger, including a laptop (PC), an AC wall adapter, a car charger, and a power bank.

## 5. OPERATING INSTRUCTIONS

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### 5.1. Charging the Battery

Once the battery is correctly inserted and the charger is connected to a power source, the charging process will begin

automatically.

- **Charging Indicator:** The smart LED indicator on the charger will illuminate red to indicate that the battery is currently charging.
- **Charging Completion:** When the battery is fully charged, the LED indicator will change from red to green.
- **Removal:** Once charging is complete, carefully remove the battery from the charger. Disconnect the USB cable from the power source.

● Red Light on: Charging  
● Green Light on: Completed



Figure 5.1: Two images of the USB charger. The left image shows a red LED light, indicating "Charging". The right image shows a green LED light, indicating "Completed".

The charger's intelligent CPU control and IC chip ensure fast and safe charging with multiple built-in circuit protections.

## 6. MAINTENANCE

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Proper maintenance will extend the life of your battery and charger:

- **Storage:** Store the battery and charger in a cool, dry place away from direct sunlight and extreme temperatures.
- **Cleaning:** Use a soft, dry cloth to clean the battery and charger. Do not use liquid cleaners or solvents.
- **Battery Care:** For optimal battery life, avoid fully discharging the battery frequently. If storing for extended periods, charge the battery to approximately 50% capacity.
- **Handling:** Do not drop, puncture, incinerate, or short-circuit the battery. Avoid exposing the charger to moisture.

## 7. TROUBLESHOOTING

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If you encounter issues, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Charger LED does not light up.	No power to charger, or battery not inserted correctly.	Ensure USB cable is securely connected to a working power source. Re-insert the battery, ensuring proper alignment.
Battery not charging (LED remains red for too long or doesn't change).	Battery issue, or charger malfunction.	Try charging a different compatible battery (if available). Ensure the battery is not severely damaged. If the issue persists, contact customer support.
Slow charging.	Low power output from USB source.	Use a USB power source with sufficient current output (e.g., a dedicated wall charger rather than a low-power computer USB port).

## 8. WARRANTY AND SUPPORT

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This product comes with a **1-year warranty** from the date of purchase, covering manufacturing defects. For warranty claims or technical support, please contact the seller or manufacturer directly.

Please retain your proof of purchase for warranty purposes.

For further assistance, you may refer to the product listing on Amazon or contact the seller "SONG ANQI account" through the Amazon platform.

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Product Model: SB-LS70, SB-LS110, SB-LS220, AD43-00070A Compatible Charger