

Surpassed BP-70A

Surpassed BP-70A Li-ion Battery Pack Instruction Manual

For Samsung SL50, SL600, SL605, SL630 Digital Cameras

1. INTRODUCTION

This manual provides essential information for the safe and effective use of your Surpassed BP-70A Li-ion rechargeable battery pack. This battery is designed to power compatible Samsung digital cameras, offering reliable performance and a long cycle life.

Key Features:

- High energy density for extended usage.
- Long recycle life, ensuring durability.
- Absolutely no memory effect, allowing charging at any time.
- Compatible with original cameras and chargers.

Compatibility: This battery is compatible with Samsung SL50, SL600, SL605, SL630 Digital Cameras and replaces battery codes Samsung BP-70A, BP70A, SLB-70A, EA-BP70A.

2. SETUP AND FIRST USE

Before using your new battery pack, please follow these steps:

1. **Initial Charge:** It is recommended to fully charge the battery before its first use. Use a compatible charger designed for BP-70A Li-ion batteries. The charging time may vary depending on the charger and the battery's initial charge level.
2. **Battery Installation:**
 - Locate the battery compartment on your Samsung digital camera.
 - Open the battery compartment cover.
 - Align the battery's contacts with the camera's terminals. Ensure correct polarity.
 - Gently insert the battery until it clicks into place or is securely seated.
 - Close the battery compartment cover firmly.



Image 1: Front view of the Surpassed BP-70A battery pack. This image displays the battery's model number, voltage, and capacity.



Image 2: Side view of the Surpassed BP-70A battery pack, highlighting the electrical contacts that connect to the camera.

3. OPERATING INSTRUCTIONS

Once the battery is installed and charged, your camera is ready for use. The battery provides power to operate all camera functions.

- **Powering On/Off:** Use your camera's power button as usual.

- **Battery Level Indicator:** Most digital cameras display a battery level indicator on the screen. Monitor this indicator to know when recharging is necessary.
- **Recharging:** When the battery level is low, remove the battery from the camera and place it in a compatible charger. Always ensure the battery is fully seated in the charger.
- **No Memory Effect:** This Li-ion battery does not suffer from memory effect, meaning you can recharge it at any time without needing to fully discharge it first.

4. MAINTENANCE AND STORAGE

Proper care and maintenance will extend the life of your battery pack.

- **Cleaning:** Keep the battery contacts clean and free from dust or debris. Use a dry, soft cloth if cleaning is necessary.
- **Storage:** If storing the battery for an extended period, charge it to approximately 50-70% capacity. Store in a cool, dry place away from direct sunlight and extreme temperatures. Avoid storing fully charged or fully discharged.
- **Temperature:** Do not expose the battery to temperatures above 60°C (140°F) or below -10°C (14°F).
- **Disposal:** Dispose of used batteries responsibly according to local regulations. Do not dispose of batteries in household waste or by incineration.



Image 3: Back view of the Surpassed BP-70A battery pack, displaying important safety warnings and regulatory marks.

5. TROUBLESHOOTING

- **Battery not charging:**
 - Ensure the battery is correctly inserted into the charger.
 - Verify the charger is properly connected to a power source.
 - Check if the charger or battery is damaged. Do not use damaged components.
- **Camera not powering on with battery:**
 - Confirm the battery is fully charged.
 - Ensure the battery is correctly installed in the camera compartment with proper polarity.
 - Clean the battery contacts and camera terminals with a dry, soft cloth.
- **Short battery life:**
 - Battery life naturally decreases over time and with repeated charge cycles.
 - High-power camera functions (e.g., flash, video recording, continuous shooting, LCD brightness) consume more power.
 - Extreme temperatures can affect battery performance.

6. SPECIFICATIONS

Model:	BP-70A
Battery Type:	Li-ion (Lithium-ion)
Voltage:	3.7V
Capacity:	1280mAh
Compatibility:	Samsung SL50, SL600, SL605, SL630 Digital Cameras (replaces BP-70A, BP70A, SLB-70A, EA-BP70A)

7. SAFETY INFORMATION

Please read and adhere to the following safety precautions to prevent injury or damage:

- **Do not incinerate:** Never expose the battery to fire or extreme heat. It may explode.
- **Do not disassemble:** Do not attempt to open or modify the battery pack. This may release toxic materials or cause an explosion.
- **Avoid short circuits:** Do not allow metal objects to come into contact with the battery terminals. Short-circuiting can cause burns or fire.
- **Keep away from water:** Do not immerse the battery in water or expose it to moisture.
- **Children and pets:** Keep batteries out of reach of children and pets.
- **Damaged batteries:** Do not use or charge a battery that appears damaged, swollen, or leaking.
- **Use compatible chargers:** Only use chargers specifically designed for Li-ion BP-70A batteries.

8. WARRANTY AND SUPPORT

For information regarding warranty coverage, returns, or technical support, please refer to the documentation provided at the time of purchase or contact the seller directly. Specific warranty terms may vary.

