

## Canon CB-5L

# Canon CB-5L Battery Charger Instruction Manual

Model: CB-5L (Part Number: 8478A001)

## INTRODUCTION

The Canon CB-5L Battery Charger is designed for efficient charging of high-capacity Canon rechargeable batteries. This charger is specifically compatible with Canon BP-511, BP-511A, BP-512, BP-514, BP-522, and BP-535 series batteries. This manual provides essential information for the proper setup, operation, maintenance, and troubleshooting of your CB-5L charger.

## SETUP

### 1. Unpacking the Charger

Carefully remove the Canon CB-5L Battery Charger and its power cord from the packaging. Inspect all components for any signs of damage. If any damage is observed, do not use the product and contact Canon support.

### 2. Identifying Charger Components



**Figure 1:** Top view of the Canon CB-5L Battery Charger. This image displays the battery insertion slot and the charging indicator lights (0, 50, 100) which show the approximate charge level.



**Figure 2:** Side view of the Canon CB-5L Battery Charger, illustrating the power input port and the detachable power cord.

### 3. Connecting to Power

1. Connect the provided power cord to the power input port on the side of the CB-5L charger.
2. Plug the other end of the power cord into a standard electrical outlet (AC 100V-240V, 50/60Hz).
3. Ensure the connection is secure at both ends.

## OPERATING INSTRUCTIONS

## 1. Compatible Batteries

The Canon CB-5L Battery Charger is designed exclusively for Canon BP-511, BP-511A, BP-512, BP-514, BP-522, and BP-535 series rechargeable batteries. Using incompatible batteries may cause damage to the charger or battery, and poses a safety risk.

## 2. Inserting the Battery

1. Align the battery with the battery slot on the charger, ensuring the contacts on the battery match the contacts in the charger.
2. Gently slide the battery into the slot until it clicks into place or sits securely. Do not force the battery.

## 3. Charging Process

- Once the battery is correctly inserted and the charger is connected to power, the charging indicator lights will illuminate.
- The charger features progressive light indicators (0, 50, 100) to show the approximate charge level of the battery. The lights will illuminate sequentially as the battery charges.
- Charging is complete when the "100" indicator light remains steadily lit, or all indicator lights turn off (depending on the specific charger revision).
- Charging time varies depending on the battery's capacity and its current charge level.

## 4. Removing the Battery

Once charging is complete, gently press the release tab (if present) or carefully slide the battery out of the charging slot. Disconnect the charger from the power outlet when not in use.

## 5. Compatible Camera Models

The batteries charged by the CB-5L are compatible with various Canon camera models, including but not limited to: Canon G5, G3, G2, G1, D60, D30, Pro90 IS, EOS 10D, and Digital Rebel.

## MAINTENANCE

### Cleaning

- Ensure the charger is disconnected from the power outlet before cleaning.
- Wipe the exterior of the charger with a soft, dry cloth. Do not use liquid cleaners, solvents, or abrasive materials.
- Keep the charging contacts clean and free of dust or debris. Use a dry cotton swab if necessary.

### Storage

- Store the charger in a cool, dry place away from direct sunlight, high temperatures, and humidity.
- Avoid storing the charger with a battery inserted for extended periods.

### Safety Precautions

- Do not disassemble or modify the charger.
- Avoid exposing the charger to water or other liquids.
- Do not use the charger if it has been dropped or damaged.
- Keep out of reach of children.
- Use only with specified Canon batteries.

## TROUBLESHOOTING

Problem	Possible Cause	Solution
Charger not powering on / No indicator lights	<ul style="list-style-type: none"><li>• Power cord not securely connected.</li><li>• Power outlet is not active.</li><li>• Charger or power cord is damaged.</li></ul>	<ul style="list-style-type: none"><li>• Ensure power cord is firmly connected to both the charger and the wall outlet.</li><li>• Test the outlet with another device.</li><li>• If damaged, discontinue use and contact Canon support.</li></ul>
Battery not charging / Indicator lights not progressing	<ul style="list-style-type: none"><li>• Battery not inserted correctly.</li><li>• Battery contacts are dirty.</li><li>• Battery is incompatible or faulty.</li><li>• Charger is faulty.</li></ul>	<ul style="list-style-type: none"><li>• Remove and re-insert the battery, ensuring proper alignment.</li><li>• Clean battery and charger contacts with a dry cloth.</li><li>• Try charging a different, known-good compatible battery.</li><li>• If the issue persists, contact Canon support.</li></ul>
Charger or battery becomes excessively hot during charging	<ul style="list-style-type: none"><li>• Poor ventilation.</li><li>• Faulty battery or charger.</li></ul>	<ul style="list-style-type: none"><li>• Ensure the charger is in a well-ventilated area.</li><li>• Immediately disconnect from power and remove the battery. Contact Canon support.</li></ul>

## SPECIFICATIONS



Figure 3: Bottom label of the Canon CB-5L Battery Charger, detailing input/output voltage, model number, and compliance information.

<b>Brand</b>	Canon
<b>Model Number</b>	8478A001 (CB-5L)
<b>Manufacturer</b>	Canon Cameras US
<b>Color</b>	Black
<b>Item Weight</b>	0.57 Pounds (approximately 258 grams)
<b>Input Voltage</b>	100-240 Volts AC, 50/60Hz
<b>Output Voltage</b>	8.4 Volts DC, 1.2A
<b>Compatible Batteries</b>	Canon BP-511, BP-511A, BP-512, BP-514, BP-522, BP-535 Series
<b>Number of Ports</b>	1 (for battery charging)
<b>Connector Type</b>	Canon proprietary battery connector
<b>Compliance</b>	FCC Part 15, CE, UL Listed
<b>UPC</b>	013803025026
<b>GTIN</b>	013803025026

## **WARRANTY AND SUPPORT**

### **Warranty Information**

This Canon product is covered by a limited warranty. For specific details regarding the warranty period and terms, please refer to the warranty card included with your original purchase or visit the official Canon website. Keep your proof of purchase for warranty claims.

### **Customer Support**

For technical assistance, service, or inquiries regarding your Canon CB-5L Battery Charger, please contact Canon Customer Support. You can find contact information, including phone numbers and online support resources, on the official Canon website ([www.usa.canon.com/support](http://www.usa.canon.com/support)).