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## ICOM BC-147SA

# ICOM BC-147SA AC Adapter Instruction Manual

Model: BC-147SA

## 1. INTRODUCTION

The ICOM BC-147SA AC Adapter is designed to provide reliable power to the ICOM BC173 battery charging station. This charging station is specifically compatible with ICOM M34 and M36 handheld VHF radios, ensuring efficient and safe charging. This manual provides essential information for the proper setup, operation, and maintenance of your BC-147SA AC Adapter.

## 2. SAFETY INFORMATION

Please read and understand all safety instructions before using the BC-147SA AC Adapter. Failure to follow these instructions may result in electric shock, fire, or damage to the product or connected devices.

- This power unit is intended to be correctly oriented in a vertical or floor mount position. Do not use in any other orientation.
- Do not expose the adapter to moisture, rain, or extreme temperatures. Use only in dry, indoor environments.
- Ensure the adapter is connected to a standard 110V AC outlet. Do not attempt to use with other voltage sources.
- Do not attempt to open, disassemble, or repair the adapter. Refer all servicing to qualified personnel.
- Keep out of reach of children.
- Disconnect the adapter from the power outlet before cleaning or when not in use for extended periods.
- Use only with specified ICOM equipment, particularly the BC173 battery charging station and compatible M34/M36 handheld VHF.

## 3. PACKAGE CONTENTS

Verify that all items are present in the package:

- 1 x ICOM BC-147SA AC Adapter

## 4. SETUP

Follow these steps to set up your ICOM BC-147SA AC Adapter:

- 1. Connect to Charging Station:** Locate the DC input jack on your ICOM BC173 battery charging station. Insert the DC output plug of the BC-147SA AC Adapter firmly into this jack.
- 2. Connect to Power Outlet:** Plug the AC input prongs of the adapter into a standard 110V AC wall outlet. Ensure the connection is secure.
- 3. Positioning:** Place the adapter in a location where it can be correctly oriented in a vertical or floor mount position, as indicated on the adapter label. Ensure adequate ventilation around the adapter.



Figure 1: ICOM BC-147SA AC Adapter. This image shows the compact black power adapter with its attached DC output cable and barrel connector, ready for connection to a charging station.

## 5. OPERATING INSTRUCTIONS

Once the BC-147SA AC Adapter is properly set up and connected to the BC173 charging station and a power outlet, it will automatically supply power. The adapter does not have any user-operable controls.

- Insert your compatible ICOM M34 or M36 handheld VHF radio into the BC173 charging station to begin the charging process.
- Refer to the instruction manual for your BC173 charging station and handheld VHF radio for specific details on charging indicators, charging times, and battery care.

## 6. MAINTENANCE

Proper maintenance ensures the longevity and reliable operation of your AC adapter.

- **Cleaning:** Use a soft, dry cloth to wipe the exterior of the adapter. Do not use liquid cleaners or solvents.
- **Storage:** When not in use for extended periods, disconnect the adapter from the power outlet and store it in a cool, dry place away from direct sunlight.
- **Inspection:** Periodically inspect the adapter's casing and cable for any signs of damage, such as cuts, fraying, or cracks. If damage is found, discontinue use and replace the adapter.

## 7. TROUBLESHOOTING

If you encounter issues with your BC-147SA AC Adapter, refer to the following common problems and solutions:

### No Power to Charging Station

- **Check Power Connection:** Ensure the AC adapter is securely plugged into a live 110V AC wall outlet. Test the outlet with another device to confirm it is functioning.
- **Verify DC Connection:** Confirm that the DC output plug is firmly and correctly inserted into the DC input jack of the BC173 charging station.
- **Inspect Adapter:** Check the adapter's cable and casing for any visible damage. If damaged, the adapter may need replacement.

### Slow Charging or Inconsistent Charging

- **Compatibility:** Ensure that both the BC173 charging station and the handheld VHF radio (M34/M36) are compatible with this adapter.
- **Ventilation:** Ensure the adapter is not covered or in an enclosed space that could lead to overheating. Adequate airflow is important.
- **Charging Station Issue:** The issue might be with the BC173 charging station itself or the radio's battery. Refer to their respective manuals for troubleshooting.

If the problem persists after attempting these solutions, please contact ICOM customer support.

## 8. SPECIFICATIONS

Model Name	BC-147SA (A21220N)
Manufacturer	ICOM Inc.

<b>Input Voltage</b>	120VAC, 60Hz, 5W
<b>Output Voltage/Current</b>	12VDC, 200mA
<b>Efficiency Level</b>	IV
<b>Dimensions (L x W x H)</b>	Approx. 3.8 x 3.2 x 1.9 inches
<b>Weight</b>	Approx. 0.07 Kilograms (0.15 lbs)
<b>Color</b>	Black

## 9. WARRANTY AND SUPPORT

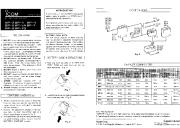
This ICOM BC-147SA AC Adapter is covered by a Manufacturer Limited Warranty. For specific terms and conditions, please refer to the warranty documentation included with your original purchase or visit the official ICOM website.

For technical assistance, product inquiries, or to report issues, please contact ICOM customer support through their official channels. Always provide your product model number (BC-147SA) and any relevant purchase information when seeking support.

**ICOM Official Website:** [www.icomamerica.com](http://www.icomamerica.com)

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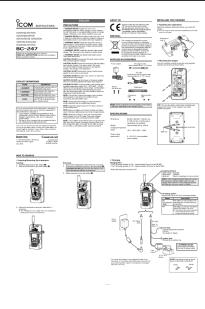
## Related Documents - BC-147SA

	<p><a href="#">Icom BC-162 Battery Charger: Installation and Charging Guide</a></p> <p>Detailed instructions for installing and charging the Icom BC-162 desktop battery charger. Compatible with Icom M34, M35, and M36 portable radios.</p>
	<p><a href="#">Icom BC-72 Desktop Charger Instruction Manual - Features, Operation, Specifications</a></p> <p>Comprehensive instruction manual for the Icom BC-72 Desktop Charger. Details product features, important safety guidelines, panel descriptions, charging operations, and technical specifications for various Icom battery packs and transceivers.</p>
	<p><a href="#">Icom Battery Packs and Case Instructions for BP-2, BP-3, BP-4, BP-5, BP-5A, BP-7, BP-8, BP-70</a></p> <p>Comprehensive instructions for Icom's NiCd rechargeable battery packs and cases, covering precautions, charging operations, battery pack notes, battery case assembly, and specifications. Includes details on various battery models and compatible chargers.</p>
	<p><a href="#">Icom MB-130 Vehicle Charger Bracket Installation Instructions</a></p> <p>Detailed instructions for installing the Icom MB-130 Vehicle Charger Bracket, including precautions, parts list, and mounting steps for various Icom chargers and transceivers.</p>



### [Icom IC-M87 ATEX Intrinsically Safe VHF Marine Transceiver](#)

Detailed specifications and features of the Icom IC-M87 ATEX, an intrinsically safe VHF marine transceiver designed for hazardous environments. Includes ATEX certification, IPX7 waterproofing, long battery life, and PMR capabilities.



### [Icom BC-247 Docking Station: Instructions and Specifications](#)

Comprehensive guide for the Icom BC-247 docking station, covering safety precautions, installation, charging procedures, supplied accessories, and technical specifications. Includes multilingual safety information.