

## SupplySource AC Adapter for Makita BMR100 BMR100W

# Instruction Manual

AC Adapter Replacement for Makita BMR100 BMR100W LXT Battery JOBSITE Radio  
Power Supply

Model: AC Adapter for Makita BMR100 BMR100W | Brand: SupplySource

## 1. INTRODUCTION

This manual provides essential information for the safe and effective use of your SupplySource AC Adapter, designed as a replacement power supply for Makita BMR100 and BMR100W LXT Battery JOBSITE Radios. Please read this manual thoroughly before use and retain it for future reference.

## 2. SAFETY INFORMATION

Your safety is paramount. Please observe the following precautions:

- **Voltage Compatibility:** Ensure the DC output and tip size of this AC adapter are compatible with your device before connecting. Incorrect voltage or tip size can damage your equipment.
- **Ventilation:** When using the adapter for extended periods, ensure adequate ventilation and humidity. Do not cover the adapter or place it on heat-sensitive surfaces.
- **Placement:** Do not place the adapter on skin products or any material that could be damaged by heat.
- **Internal Protection:** This adapter is manufactured with built-in safety electronics to safeguard against incorrect voltage (IV), short circuits (SC), and internal overheating (IO).
- **Certification:** The charger is certified with CE, FCC, and other relevant standards, ensuring compliance with safety regulations.
- **Handling:** Avoid dropping or subjecting the adapter to strong impacts. Do not disassemble or attempt to repair the adapter yourself.

## 3. PRODUCT OVERVIEW

The SupplySource AC Adapter is a compact and durable power supply designed for specific Makita jobsite radios. It features a standard US plug and a DC output cable.



**Figure 3.1:** The SupplySource AC Adapter, showing the main unit with the US plug and the neatly coiled DC output cable secured with a hook-and-loop strap.

# BUILT IN WITH SAFETY ELECTRONICS



Over Charge  
Protection



Over Voltage  
Protection



Short-circuit  
Protection



Over Current  
Protection



Over Temp  
Protection



24 Months  
Warranty



**Figure 3.2:** Illustration highlighting the built-in safety electronics of the adapter, including icons for over-charge protection, over-voltage protection, short-circuit protection, over-current protection, over-temperature protection, and a 24-month warranty.



**Figure 3.3:** A visual representation of the adapter's compact size, shown next to a hand for scale, and indicating a cable length of 4 feet.

## 4. SETUP

1. **Verify Compatibility:** Before connecting, confirm that the DC output voltage and the physical size of the adapter's tip match the requirements of your Makita BMR100 or BMR100W LXT Battery JOBSITE Radio. Refer to your radio's manual for specifications.
2. **Connect to Radio:** Insert the DC output plug of the adapter firmly into the power input jack on your Makita JOBSITE Radio.
3. **Connect to Power Outlet:** Plug the AC adapter into a standard 100-240V AC wall outlet. Ensure the outlet is easily accessible.
4. **Power On:** Once connected, your radio should receive power.

## 5. OPERATING INSTRUCTIONS

This AC adapter provides continuous power to your Makita BMR100 or BMR100W JOBSITE Radio, allowing it to operate without relying on battery power. It also facilitates battery charging if your radio model supports this function via its power input.

- Simply connect the adapter as described in the "Setup" section.
- The adapter will supply the necessary power for your radio's operation.
- Always disconnect the adapter from the wall outlet when not in use for extended periods.

## 6. MAINTENANCE

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

- **Cleaning:** Disconnect the adapter from both the power outlet and the radio before cleaning. Use a soft, dry cloth to wipe the surface. Do not use liquid cleaners or solvents.
- **Storage:** Store the adapter in a cool, dry place away from direct sunlight and extreme temperatures. Keep the cable neatly coiled to prevent kinks or damage.
- **Inspection:** Periodically inspect the adapter's casing and cable for any signs of damage, such as cuts, fraying, or exposed wires. If damage is found, discontinue use immediately and replace the adapter.

## 7. TROUBLESHOOTING

If you encounter issues with your AC adapter, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Radio does not power on with adapter.	Adapter not fully plugged into outlet. Adapter not fully plugged into radio. Outlet is not live. Adapter or radio is faulty.	Ensure adapter is securely plugged into both the wall outlet and the radio. Test the outlet with another device. If issues persist, contact customer support.
Adapter feels excessively hot.	Poor ventilation. Overload or internal fault.	Disconnect immediately. Ensure adapter is in a well-ventilated area. Do not use if it continues to overheat. Contact customer support.

If troubleshooting steps do not resolve the issue, please contact SupplySource customer support.

## 8. SPECIFICATIONS

Feature	Detail
Input Voltage Range	100-240V AC
Input Frequency	50-60Hz
Product Dimensions	4 x 3 x 2 inches
Item Weight	3 ounces

Feature	Detail
Cable Length	Approximately 4 feet
Color	Black
Material	Metal, Plastic
Safety Features	Over-charge, Over-voltage, Short-circuit, Over-current, Over-temperature protection

## 9. WARRANTY AND SUPPORT

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This SupplySource AC Adapter comes with a 24-month warranty, as indicated by the manufacturer. For any questions, concerns, or warranty claims, please contact SupplySource customer support.

### Contact Information:

- Please refer to the contact details provided with your purchase or visit the official SupplySource website for the most current support information.
- When contacting support, please have your product model (AC Adapter for Makita BMR100 BMR100W) and purchase details ready.

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