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SupplySource BPM-2244, BPM-2244BT

SupplySource AC/DC Adapter User Manual

For iProven Smart Blood Pressure Monitor Models BPM-2244 and BPM-2244BT

1. INTRODUCTION

This manual provides essential instructions for the safe and effective use of your SupplySource AC/DC Adapter. This adapter is designed to provide power to iProven Smart Blood Pressure Monitor models BPM-2244 and BPM-2244BT. Please read this manual thoroughly before using the product and retain it for future reference.

2. SAFETY INFORMATION

Your SupplySource AC/DC Adapter is manufactured with high-quality materials and incorporates multiple safety features to ensure reliable operation. Adhere to the following safety guidelines:

- **Voltage Compatibility:** Ensure the DC output and tip size of this adapter are compatible with your iProven Blood Pressure Monitor before connecting.
- **Ventilation:** When using the adapter for extended periods, ensure adequate ventilation. Avoid placing the adapter on heat-sensitive surfaces or covering it.
- **Skin Contact:** Do not allow the adapter to remain in direct contact with skin for prolonged periods during operation, as it may generate heat.
- **Protection Features:** The adapter includes built-in safeguards against incorrect voltage (IV), short circuits (SC), and internal overheating (IO).
- **Certifications:** This charger is certified with CE and FCC standards, indicating compliance with health, safety, and environmental protection requirements.

BUILT IN WITH SAFETY ELECTRONICS



Over Charge Protection



Over Voltage Protection



Short-circuit Protection



Over Current Protection



Over Temp Protection



24 Months Warranty



Figure 1: Adapter with Built-in Safety Electronics. This image illustrates the various protection mechanisms integrated into the adapter, such as protection against overcharge, overvoltage, short-circuit, overcurrent, and over-temperature, along with a mention of a 24-month warranty.

3. SETUP

1. **Inspect the Adapter:** Before use, visually inspect the adapter and its cable for any signs of damage. Do not use if damaged.
2. **Connect to Device:** Insert the barrel connector end of the adapter cable into the power input port of your iProven Smart Blood Pressure Monitor (BPM-2244 or BPM-2244BT).
3. **Connect to Power Outlet:** Plug the AC prongs of the adapter into a standard 100-240V wall power outlet.

4. OPERATING INSTRUCTIONS

Once the adapter is properly connected to both the blood pressure monitor and a power outlet, your iProven device should receive power. Follow the operating instructions provided with your iProven Smart Blood Pressure Monitor for its specific usage.

- Ensure the power outlet is active.
- Confirm the adapter's connection to the monitor is secure.

- Power on your iProven Blood Pressure Monitor as per its user manual.

5. MAINTENANCE

To ensure the longevity and optimal performance of your AC/DC adapter, follow these maintenance guidelines:

- **Cleaning:** Disconnect the adapter from the power outlet and the device before cleaning. Use a dry, soft cloth to wipe the adapter. Do not use liquid cleaners or solvents.
- **Storage:** Store the adapter in a cool, dry place away from direct sunlight and extreme temperatures when not in use. Avoid tightly winding the cable.
- **Cable Care:** Do not bend, twist, or pull the cable excessively, as this can damage the internal wiring.

6. TROUBLESHOOTING

If your iProven Blood Pressure Monitor does not power on when connected to the adapter, consider the following:

- **No Power:** Check if the wall outlet is functioning by plugging in another device.
- **Loose Connection:** Ensure the adapter's barrel connector is fully inserted into the blood pressure monitor's power port and the AC prongs are firmly in the wall outlet.
- **Adapter Damage:** Inspect the adapter and cable for any visible damage. If damaged, discontinue use and replace the adapter.
- **Device Issue:** If the adapter appears functional, the issue might be with the blood pressure monitor itself. Refer to the iProven monitor's user manual for further troubleshooting.

7. SPECIFICATIONS

Feature	Specification
Input Voltage Range	100-240V AC
Frequency Range	60 Hz
Wattage	5 Watts
Connector Type	Barrel Connector
Compatible Devices	iProven Smart Blood Pressure Monitor BPM-2244, BPM-2244BT
Material	Metal, Plastic
Certifications	CE, FCC
Cable Length	Approximately 4 feet (1.2 meters)



Figure 2: Adapter Dimensions and Cable Length. This image provides a visual reference for the adapter's physical size and confirms the cable length is approximately 4 feet.

8. WARRANTY AND SUPPORT

This SupplySource AC/DC Adapter typically comes with a **24-month warranty** from the date of purchase, covering manufacturing defects. For warranty claims, technical support, or any inquiries regarding the product, please contact the seller or manufacturer directly through your purchase platform.