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## SupplySource AC/DC Adapter

# SupplySource AC/DC Adapter Instruction Manual

For RAVPower RP-PB027 and RP-PB053 Portable Car Jump Starters

## 1. INTRODUCTION

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Thank you for choosing the SupplySource AC/DC Adapter. This adapter is designed to provide reliable power for charging compatible portable car jump starters, specifically the RAVPower RP-PB027 (500A, 12000mAh) and RP-PB053 (600A, 18000mAh) models. This manual provides essential information for safe and efficient use of your adapter.

The adapter features a compact and durable design, making it suitable for various environments, including travel, office, and in-car use.



On a business trip



Travel vacation



in the car



in the office



Exquisite and compact body,  
carry it with you to meet your needs

*Image 1: The compact SupplySource AC/DC Adapter is designed for portability, suitable for use during business trips, travel vacations, in vehicles, and in office environments.*

## 2. SAFETY INFORMATION

Please read all safety instructions carefully before using the adapter to prevent damage or injury. Keep this manual for future reference.

- **Voltage Compatibility:** Ensure the DC output and tip size of the AC/DC adapter are compatible with your device before connecting. Incorrect voltage or tip size can cause damage.
- **Ventilation:** When using the adapter for extended periods, ensure adequate ventilation and avoid high humidity environments. Do not cover the adapter or place it on heat-sensitive surfaces.
- **Overheating:** Do not place the adapter directly on skin products or other materials that may trap heat.
- **Protection Features:** This adapter is equipped with multiple safety features, including protection against incorrect voltage (IV), short circuit (SC), and internal overheating (IO). It is certified with CE and FCC standards.
- **Cable Integrity:** The power supply uses high-quality copper core wire, designed for durability. Avoid bending, twisting, or stretching the cable excessively to prevent damage.

- **Indoor Use Only:** This adapter is intended for indoor use in dry conditions. Do not expose it to rain or moisture.
- **Children and Pets:** Keep the adapter out of reach of children and pets.

## BUILT IN WITH SAFETY ELECTRONICS



Over Charge Protection



Over Voltage Protection



Short-circuit Protection



Over Current Protection



Over Temp Protection



24 Months Warranty



Image 2: The SupplySource AC/DC Adapter incorporates built-in safety electronics for protection against overcharge, over voltage, short-circuit, over current, and over temperature. It also includes a 24-month warranty.

### 3. PRODUCT OVERVIEW

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The SupplySource AC/DC Adapter is a robust power solution designed for specific portable jump starters. It ensures efficient and stable current delivery with strong power output.

#### Key Features:

- **Input Voltage:** 100-240V AC, suitable for global use.
- **Output:** Designed to match the power requirements of RAVPower RP-PB027 and RP-PB053 jump starters.
- **Cable Length:** Approximately 1.2 meters (4 feet) for convenient reach.
- **Safety Certifications:** CE, FCC compliant.
- **Durable Construction:** Made with high-quality metal and plastic components, featuring a robust copper core wire to prevent breakage and extend lifespan.



*Image 3: The SupplySource AC/DC Adapter, featuring a standard two-prong plug and a durable black power cord.*

- Prevent Leakage and Breakdown
- Ensure Efficient Stable Current
- Strong Power Output

**1.2 length**



*Image 4: This image illustrates the quality of the adapter's cable, emphasizing its ability to prevent leakage and breakdown, ensure efficient stable current, and provide strong power output. The cable length is approximately 1.2 meters.*

## 4. SETUP

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Follow these steps to properly set up your AC/DC adapter for charging:

1. **Verify Compatibility:** Before connecting, confirm that your RAVPower jump starter model (RP-PB027 or RP-PB053) is compatible with this adapter. Check the input specifications of your jump starter.
2. **Inspect Adapter:** Examine the adapter and its cable for any signs of damage (e.g., frayed wires, cracked casing). Do not use if damaged.
3. **Connect to Jump Starter:** Insert the barrel connector tip of the adapter cable firmly into the DC input port of your RAVPower jump starter.
4. **Connect to Power Outlet:** Plug the two-prong AC plug of the adapter into a standard 100-240V AC wall outlet.
5. **Charging Indication:** Your jump starter should indicate that it is charging (refer to your jump starter's manual for specific charging indicators).

## 5. OPERATING INSTRUCTIONS

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Once connected, the adapter will begin charging your compatible RAVPower jump starter. The charging process

is automatic.

- **Charging Time:** Charging duration will vary depending on the jump starter's battery capacity and its current charge level. Consult your jump starter's manual for estimated charging times.
- **Monitoring:** Periodically check the charging status on your jump starter. Disconnect the adapter once the jump starter is fully charged to conserve energy and prolong battery life.
- **Disconnection:** To disconnect, first unplug the adapter from the wall outlet, then remove the barrel connector from the jump starter.

## 6. MAINTENANCE

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Proper maintenance ensures the longevity and optimal performance of your adapter.

- **Cleaning:** Disconnect the adapter from all power sources before cleaning. Use a soft, dry cloth to wipe the exterior. Do not use liquid cleaners or solvents.
- **Storage:** Store the adapter in a cool, dry place away from direct sunlight, extreme temperatures, and moisture. Coil the cable loosely; do not wrap it tightly around the adapter.
- **Inspection:** Regularly inspect the cable and connector for any signs of wear or damage. Replace the adapter if any damage is observed.

## 7. TROUBLESHOOTING

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

- **Adapter Not Charging:**
  - Ensure the adapter is securely plugged into both the wall outlet and the jump starter.
  - Verify the wall outlet is functional by testing it with another device.
  - Check for any visible damage to the adapter or cable.
- **Slow Charging:**
  - Ensure the jump starter's battery is not excessively drained.
  - Confirm the adapter's specifications match the jump starter's requirements.
- **Adapter Overheating:**
  - Disconnect the adapter immediately.
  - Ensure it is in a well-ventilated area and not covered.
  - If overheating persists, discontinue use and contact support.

If these steps do not resolve the issue, please refer to the Warranty & Support section.

## 8. SPECIFICATIONS

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<b>Brand</b>	SupplySource
<b>Input Voltage</b>	100-240 Volts AC
<b>Connector Type</b>	Barrel Connector
<b>Compatible Devices</b>	RAVPower RP-PB027, RAVPower RP-PB053 Jump Starters

<b>Special Feature</b>	Travel-friendly design
<b>Specification Met</b>	CE, FCC
<b>Material</b>	Metal, Plastic
<b>Power Source</b>	Corded Electric
<b>Main Power Connector Type</b>	2 Pin (US Standard)

## 9. WARRANTY & SUPPORT

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This SupplySource AC/DC Adapter comes with a **24-month warranty** from the date of purchase, covering manufacturing defects. Please retain your proof of purchase for warranty claims.

### Warranty Exclusions:

- Damage caused by misuse, abuse, accident, or neglect.
- Damage from unauthorized repairs or modifications.
- Normal wear and tear.

### Customer Support:

For technical assistance, warranty claims, or any questions regarding your SupplySource AC/DC Adapter, please contact your retailer or the manufacturer directly. Contact information can typically be found on the product packaging or the seller's website.