

SupplySource BP-DL700

SupplySource Wall Charger AC Adapter Instruction Manual

For DURALAST BP-DL700 700 AMP Peak Battery Jump Starter

1. INTRODUCTION

This manual provides essential instructions for the safe and effective use of your SupplySource Wall Charger AC Adapter, specifically designed for the DURALAST BP-DL700 700 AMP Peak Battery Jump Starter. Please read this manual thoroughly before operating the charger to ensure proper function and longevity of your device.

2. SAFETY INFORMATION

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

- **Over Charge Protection:** Prevents damage to the battery from excessive charging.
- **Over Voltage Protection:** Safeguards against incorrect voltage input.
- **Short-circuit Protection:** Automatically shuts off power in case of a short circuit.
- **Over Current Protection:** Protects against excessive current flow.
- **Over Temperature Protection:** Prevents internal overheating of the charger.

The charger is certified with CE and FCC standards, ensuring compliance with safety regulations.

BUILT IN WITH SAFETY ELECTRONICS



Over Charge Protection



Over Voltage Protection



Short-circuit Protection



Over Current Protection



Over Temp Protection



24 Months Warranty



Figure 2.1: Safety features built into the AC adapter, including protection against overcharge, over voltage, short-circuit, over current, and over temperature.

3. PRODUCT OVERVIEW

The SupplySource Wall Charger AC Adapter is a replacement power supply designed to charge the DURALAST BP-DL700 700 AMP Peak Battery Jump Starter. It features a standard 2-pin Type A (North American) power plug and a barrel connector for device compatibility. The power supply is constructed with high-quality copper core wire for durability and efficient power delivery.



Figure 3.1: Side view of the AC adapter, illustrating its compact design and a cable length of 4 feet.

4. SETUP

Follow these steps to set up your AC adapter:

1. Ensure the DURALAST BP-DL700 Jump Starter is turned off before connecting the charger.
2. Locate the charging port on your DURALAST BP-DL700 Jump Starter.
3. Connect the barrel connector of the AC adapter cable securely into the charging port of the jump starter.
4. Plug the 2-pin Type A power plug of the AC adapter into a standard 100-240V AC wall outlet.
5. Verify that the jump starter indicates it is receiving power or charging, typically via an indicator light.

5. OPERATING INSTRUCTIONS

Once connected, the AC adapter will begin charging your DURALAST BP-DL700 Jump Starter. The charging process is automatic, and the built-in safety features will manage the power delivery to prevent overcharging or other electrical issues. Refer to your DURALAST BP-DL700 Jump Starter's manual for specific charging indicators and expected charging times.

6. MAINTENANCE

To ensure the longevity and proper functioning of your AC adapter, observe the following maintenance guidelines:

- Keep the adapter in a well-ventilated area during use to prevent heat buildup.
- Avoid exposing the adapter to high humidity or direct moisture.
- Do not place the adapter on soft surfaces like beds or carpets that can obstruct ventilation.
- Regularly inspect the cable and connectors for any signs of damage. If damage is found, discontinue use and replace the adapter.
- Clean the adapter with a dry, soft cloth. Do not use liquid cleaners.

7. TROUBLESHOOTING

If you encounter issues with your AC adapter, consider the following:

- **No Power Indicator:** Ensure the adapter is securely plugged into both the wall outlet and the jump starter. Test the wall outlet with another device to confirm it is functional.
- **Slow Charging:** Verify that the adapter is the correct model for your jump starter. Ensure the jump starter's battery is not severely depleted, which can sometimes affect initial charging rates.
- **Adapter Overheating:** Disconnect the adapter immediately. Ensure it is in a well-ventilated area and not covered. If overheating persists, discontinue use.
- **Physical Damage:** If the adapter or cable shows signs of physical damage, do not use it. Replace it with a new, compatible adapter.

For persistent issues, contact SupplySource customer support.

8. SPECIFICATIONS

Feature	Specification
Brand	SupplySource
Model Compatibility	DURALAST BP-DL700 700 AMP Peak Battery Jump Starter
Input Volt Range	100-240V AC
Frequency Range	50-60 Hz
Output Current	700 Amps (for jump starter compatibility)
Connector Type	Barrel Connector
Main Power Connector Type	2 Pin (Type A - North American)
Material	Metal, Plastic
Safety Certifications	CE, FCC

9. WARRANTY AND SUPPORT

For information regarding warranty coverage or technical support, please refer to the documentation provided with your purchase or contact SupplySource customer service directly. Ensure you have your

product model number (BP-DL700) and purchase details available when seeking support.