

## EPtech ES180723190

# EPtech AC Adapter for DURALAST BP-DL700 700 AMP Peak Battery Jump Starter User Manual

## INTRODUCTION

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This manual provides essential instructions for the safe and effective use of your EPtech AC Adapter, model ES180723190. This adapter is designed to provide power for compatible devices, specifically the DURALAST BP-DL700 700 AMP Peak Battery Jump Starter. Please read this manual thoroughly before use and retain it for future reference.

## SAFETY INFORMATION

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Your EPtech AC Adapter is designed with multiple safety features to ensure reliable operation. Adhere to the following guidelines:

- **World Wide Input Voltage:** The adapter supports 100-240VAC, 50/60Hz. Ensure your power outlet matches these specifications.
- **OVP (Over Voltage Output Protection):** Protects connected devices from excessive voltage.
- **OCP (Over Current Output Protection):** Safeguards against damage from excessive current flow.
- **SCP (Short Circuit Output Protection):** Prevents damage in case of a short circuit.
- Do not expose the adapter to water or extreme temperatures.
- Do not attempt to disassemble or modify the adapter.
- Use only with compatible devices as specified.

## Safety Design with Multiple Protections



This image illustrates the safety design features of the EPtech AC Adapter, including protections against over-temperature, over-voltage, over-current, and short circuits.

### PRODUCT OVERVIEW

The EPtech AC Adapter is a compact and durable power solution. Below are images detailing its design and components.



The main view of the EPtech AC Adapter, showing the wall plug and the attached DC output cable.



A close-up of the EPtech AC Adapter, highlighting the label with input (100-240VAC) and output specifications.



The EPtech AC Adapter from a different angle, showing a caution label on the reverse side of the unit.

## High Quality Power Cable Design



This diagram details the internal structure of the power cable, featuring high-quality copper wire and a PVC insulation jacket

for durability.



This image emphasizes the durable construction and compact form factor of the EPtech AC Adapter, designed for reliability and portability.

## SETUP INSTRUCTIONS

1. **Inspect the Adapter:** Before first use, visually inspect the AC adapter and its cable for any signs of damage. Do not use if damaged.
2. **Identify the Charging Port:** Locate the charging input port on your DURALAST BP-DL700 700 AMP Peak Battery Jump Starter.
3. **Connect the Adapter:** Insert the DC output plug of the EPtech AC Adapter firmly into the charging port of the jump starter.
4. **Connect to Power Outlet:** Plug the AC adapter into a standard wall outlet (100-240VAC, 50/60Hz).



The EPtech AC Adapter shown connected to a power strip, demonstrating a typical setup for charging.

## OPERATING INSTRUCTIONS

Once connected, the EPtech AC Adapter will begin charging your DURALAST BP-DL700 700 AMP Peak Battery Jump Starter. Refer to your jump starter's manual for specific charging indicators and times.

- Ensure the jump starter is powered off before connecting the charger, if applicable.
- Monitor the charging process. Disconnect the adapter once the jump starter indicates a full charge to prevent overcharging.
- The adapter may become slightly warm during operation; this is normal.

## MAINTENANCE

To ensure the longevity and proper function of your EPtech AC Adapter:

- Keep the adapter clean and free from dust and debris. Use a dry, soft cloth for cleaning.
- Store the adapter in a cool, dry place when not in use.
- Avoid bending or crimping the power cord excessively.
- Regularly check the cable and connectors for any signs of wear or damage.

## TROUBLESHOOTING

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

- **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.
- **Jump Starter Beeping/Malfunctioning:**
  - This may indicate an incompatibility or an issue with the jump starter itself. Disconnect the adapter and consult the jump starter's manual.
  - Ensure the adapter's output specifications match the jump starter's requirements.
- **Adapter Overheating:**
  - Slight warmth is normal. If the adapter is excessively hot to the touch, disconnect it immediately.
  - Ensure adequate ventilation around the adapter during use.

## SPECIFICATIONS

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Feature	Specification
Model Number	ES180723190
Input Voltage	100-240VAC, 50/60Hz
Output Current	700 Amps (for compatible devices)
Wattage	24 watts
Special Feature	Short Circuit Protection, Over Voltage Protection, Over Current Protection
Package Dimensions	4 x 3.3 x 1.3 inches
Item Weight	3.98 ounces

## WARRANTY AND SUPPORT

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EPtech products are manufactured with high-quality standards. For any questions, problems, or support needs regarding your EPtech AC Adapter, please contact our customer service team.

**Email:** [epcustomerservice@yahoo.com](mailto:epcustomerservice@yahoo.com)

Please provide your product model number (ES180723190) and a detailed description of the issue when contacting support.