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PKPOWER HP450-2

PK Power AC/DC Adapter Instruction Manual

For EverStart Maxx Heavy Duty Jump Starter Model HP450-2

1. Introduction

Thank you for choosing the PK Power AC/DC Adapter. This adapter is specifically designed to provide reliable power to your EverStart Maxx Heavy Duty Jump Starter Model HP450-2. Please read this manual thoroughly before using the product to ensure safe and efficient operation. Keep this manual for future reference.

2. Important Safety Information

Always observe the following safety precautions to prevent injury or damage to the product and connected devices:

- **Electrical Hazard:** Do not expose the adapter to rain, moisture, or extreme temperatures. Use only in dry, indoor environments.
- **Compatibility:** This adapter is designed for the EverStart Maxx Heavy Duty Jump Starter Model HP450-2. Using it with incompatible devices may cause damage or malfunction.
- **Ventilation:** Ensure adequate ventilation around the adapter during use. Do not cover it with cloths or place it in enclosed spaces.
- **Damage Inspection:** Before each use, inspect the adapter and its cable for any signs of damage. Do not use if the cable is frayed, the plug is bent, or the casing is cracked.
- **Protection Features:** This PK Power adapter includes Over Voltage Protection (OVP), Over Current Protection (OCP), and Short Circuit Protection (SCP) to safeguard your devices.
- **Input Voltage:** The adapter is designed for an input voltage range of 100-240V AC, 50-60Hz. Ensure your power outlet matches these specifications.
- **Children:** Keep the adapter out of reach of children.

3. Product Overview

The PK Power AC/DC Adapter is a compact and efficient power supply unit. It features a standard AC plug for wall outlets and a DC output connector designed to fit your EverStart Maxx Jump Starter.



Figure 1: Top-down view of the PK Power AC/DC Adapter, showing the main body and the attached output cable.



Figure 2: Side view of the PK Power AC/DC Adapter, highlighting the AC input prongs and the DC output connector.

4. Setup

Follow these steps to set up your PK Power AC/DC Adapter:

1. Unpack the adapter and inspect it for any visible damage.
2. Ensure the EverStart Maxx Jump Starter Model HP450-2 is turned off before connecting the adapter.
3. Locate the charging port on your EverStart Maxx Jump Starter.

4. Insert the DC output connector of the PK Power adapter firmly into the charging port of the jump starter.
5. Plug the AC input prongs of the adapter into a standard wall outlet (100-240V AC).

The jump starter should now begin charging. Refer to your jump starter's manual for specific charging indicators.

5. Operating Instructions

Once connected, the PK Power AC/DC Adapter will automatically begin charging the EverStart Maxx Jump Starter. There are no additional controls on the adapter itself.

- **Charging:** Allow the jump starter to charge fully as indicated by its own charging status lights or display.
- **Disconnection:** Once charging is complete, first unplug the adapter from the wall outlet, then disconnect the DC output connector from the jump starter.
- **Continuous Use:** Avoid leaving the adapter plugged in for extended periods after the jump starter is fully charged, although the built-in protection features help prevent overcharging.

6. Maintenance

Proper care will extend the life of your PK Power AC/DC 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 and moisture when not in use. Avoid wrapping the cable too tightly around the adapter body.
- **Cable Care:** Do not pull on the cable to disconnect the adapter. Always grasp the plug itself. Avoid placing heavy objects on the cable or bending it sharply.

7. Troubleshooting

If you encounter issues with your PK Power AC/DC Adapter, try the following steps:

- **No Power/Charging:**
  - 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.
  - Check the adapter cable and connectors for any visible damage. If damaged, discontinue use.
- **Overheating:**
  - It is normal for the adapter to feel slightly warm during operation. However, if it becomes excessively hot, immediately unplug it from the wall and the jump starter.
  - Ensure there is adequate ventilation around the adapter.
  - Verify that the jump starter is compatible with this adapter and not drawing excessive power.

If the problem persists after trying these steps, please contact customer support.

8. Specifications

Brand	PKPOWER
Model Compatibility	EverStart Maxx Heavy Duty Jump Starter Model HP450-2

Input Voltage	100-240V AC, 50-60Hz
Safety Certifications	CE, FCC, RoHS
Protection Features	OVP (Over Voltage Protection), OCP (Over Current Protection), SCP (Short Circuit Protection)
Color	Black

9. Warranty and Support

PK Power products are manufactured to high-quality standards. For any questions, concerns, or technical assistance, please contact our customer service team. Our friendly and reliable customer service will respond to you within 24 hours.
Please refer to your purchase documentation for specific warranty details.

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Details

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