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PKPOWER VANI-SS240710-A02

PKPOWER 12V AC Adapter Charger Instruction Manual

For Duralast BP-DL700 and other compatible Duralast Jump Starters

1. Introduction

This instruction manual provides essential information for the proper and safe use of your PKPOWER 12V AC Adapter Charger. Please read this manual thoroughly before operating the device to ensure optimal performance and safety. This adapter is designed to charge compatible Duralast Jump Starter models.

2. Safety Information

Adhering to safety guidelines is crucial when using any electrical device. This PKPOWER AC adapter charger has passed FCC certification and incorporates multiple safety features to protect both the device and the user.

General Safety Precautions:

- Do not expose the adapter to water, rain, or excessive moisture.
- Do not disassemble or modify the adapter. Refer all servicing to qualified personnel.
- Ensure the adapter is used within its specified voltage range (AC Input: 100-240V).
- Avoid using the adapter if the cord or plug is damaged.
- Keep the adapter away from heat sources and flammable materials.
- Unplug the adapter from the power outlet when not in use.

Built-in Safety Protections:

- **Over Charge Protection:** Prevents overcharging of the connected battery.
- **Over Voltage Protection (OVP):** Safeguards against excessive voltage input.
- **Short-circuit Protection (SCP):** Protects against short-circuit conditions.
- **Over Current Protection (OCP):** Prevents damage from excessive current flow.
- **Over Temperature Protection:** Monitors and regulates internal temperature.

The adapter is constructed with V-0 grade flame retardant materials for enhanced safety.



Image: The PKPOWER AC Adapter features multiple built-in safety protections, including over charge, over voltage, short-circuit, over current, and over temperature protection.

3. Product Overview

The PKPOWER 12V AC Adapter Charger is designed to provide reliable power for your Duralast Jump Starter. Its compact design and durable construction ensure a convenient and long-lasting charging solution.

Package Contents:

- 1 x PKPOWER 12V AC Power Adapter

Key Features:

- AC Input: 100-240V, 50/60 Hz
- DC Output: 12V
- Cord Length: 6.6 feet (approximately 2 meters)
- US standard plug

- Durable construction with reinforced joint
- Multiple safety protections (OVP, OCP, SCP, etc.)



Image: The PKPOWER 12V AC Adapter Charger, featuring a standard US plug and a DC output connector.

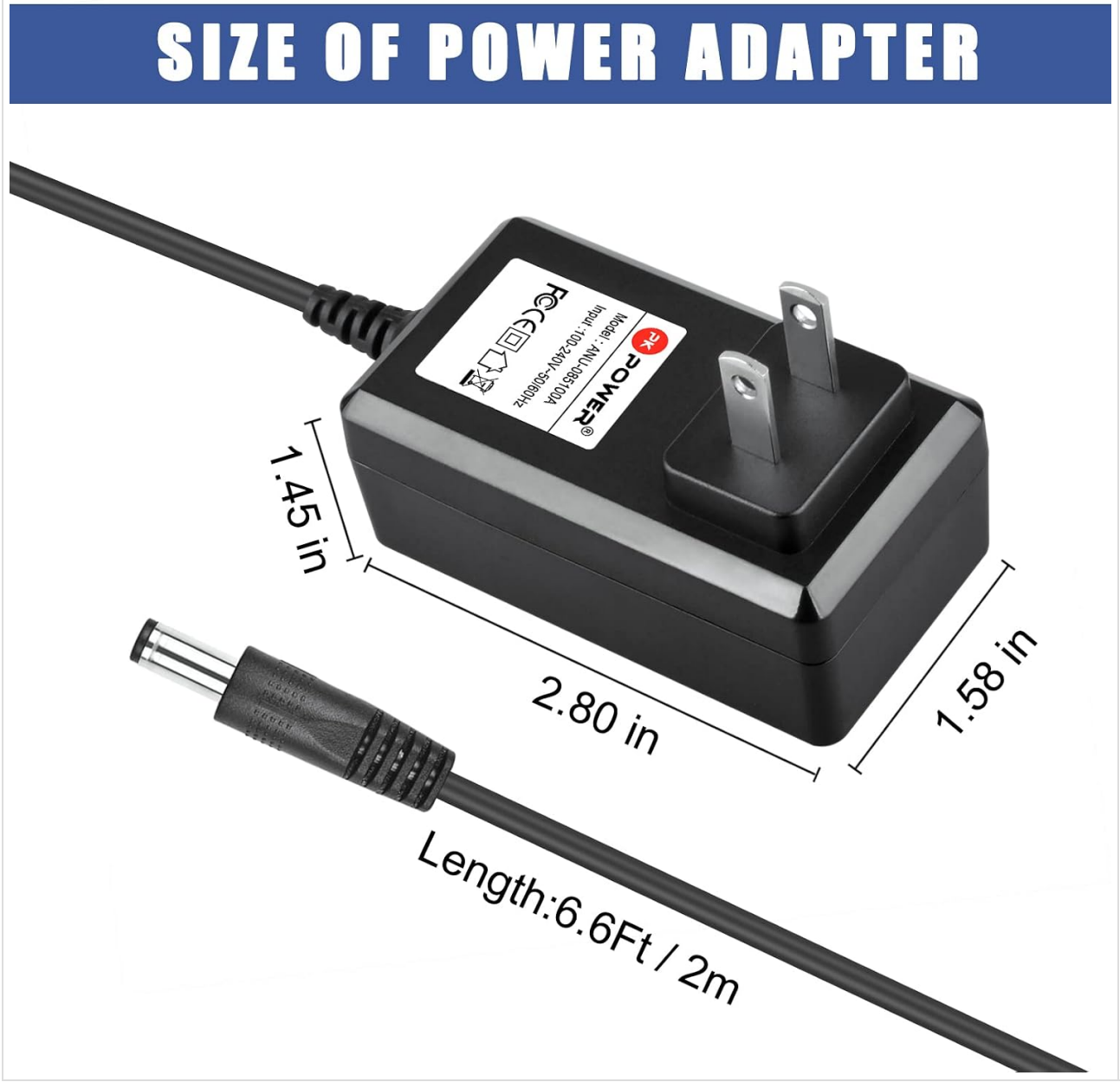

Image: The physical dimensions of the power adapter are approximately 2.80 inches in length, 1.58 inches in width, and 1.45 inches in height. The cord length is 6.6 feet (2 meters).

4. Specifications

Attribute	Value
Product Dimensions	5 x 2.5 x 1.2 inches
Item Weight	4 ounces
Item Model Number	VANI-SS240710-A02
Brand	PKPOWER
Connector Type	Auxiliary (5.5mm x 2.5mm DC plug)
AC Input	100-240V ~ 50/60Hz
DC Output	12V

Cord Length	6.6 feet (2 meters)
Color	Black
Wattage	10 watts
Specification Met	CE, FCC

5. Compatibility

This PKPOWER 12V AC Adapter Charger is compatible with a range of Duralast Jump Starter models. Please verify your jump starter's model number and power input requirements before use.

Compatible Duralast Models Include:

- Duralast BP-DL700 700 AMP Peak Battery Jump Starter
- Duralast Gold 1200 Peak Amps Jump Starter (BP-DL1200PS)
- Duralast Gold 1000 Peak Amps Power Station LCA Jump Starter (DLG1000PS)
- Duralast 600 Peak Amps Jump Starter (BP-DL600)
- Duralast 700 Peak Amps Jump Starter (BPDL700)
- Duralast 750 Peak Amps Jump Starter
- Duralast 900 Peak Amps Jump Starter (BP-DL900)
- Duralast 300 Peak Amps Jump Starter
- ACD032 Power Cord Battery Charger



Image: The adapter is compatible with Duralast jump starters including 600, 700, 900, and 1200 peak amp models.

6. Setup

Follow these steps to set up your PKPOWER AC Adapter Charger for use:

1. **Inspect the Adapter:** Before first use, visually inspect the adapter and its cord for any signs of damage. Do not use if damaged.
2. **Locate Charging Port:** Identify the DC input charging port on your Duralast Jump Starter. This is typically a circular port.
3. **Connect to Jump Starter:** Insert the DC output plug of the PKPOWER adapter firmly into the charging port of your Duralast Jump Starter.
4. **Connect to Power Outlet:** Plug the AC input plug of the adapter into a standard 100-240V wall outlet.
5. **Verify Connection:** Ensure both connections are secure. The jump starter's charging indicator (if available) should activate, signaling that charging has begun.



Image: The PKPOWER adapter plugged into a wall outlet and connected to a Duralast 900 Peak Amps jump starter, illustrating the correct setup.

7. Operating Instructions

Once the adapter is properly set up, it will begin charging your Duralast Jump Starter. The charging process is automatic.

1. **Initiate Charging:** After connecting the adapter to both the jump starter and a power outlet, the charging process will start.
2. **Monitor Charging Status:** Refer to your Duralast Jump Starter's display or indicator lights to monitor the charging progress. Charging times may vary depending on the jump starter's battery capacity and current charge level.
3. **Full Charge Indication:** Once the jump starter is fully charged, its indicator will typically show a full battery icon or turn off. The PKPOWER adapter's over charge protection will prevent damage from continuous charging.
4. **Disconnect:** When charging is complete, first unplug the adapter from the wall outlet, then disconnect the DC plug from the jump starter.

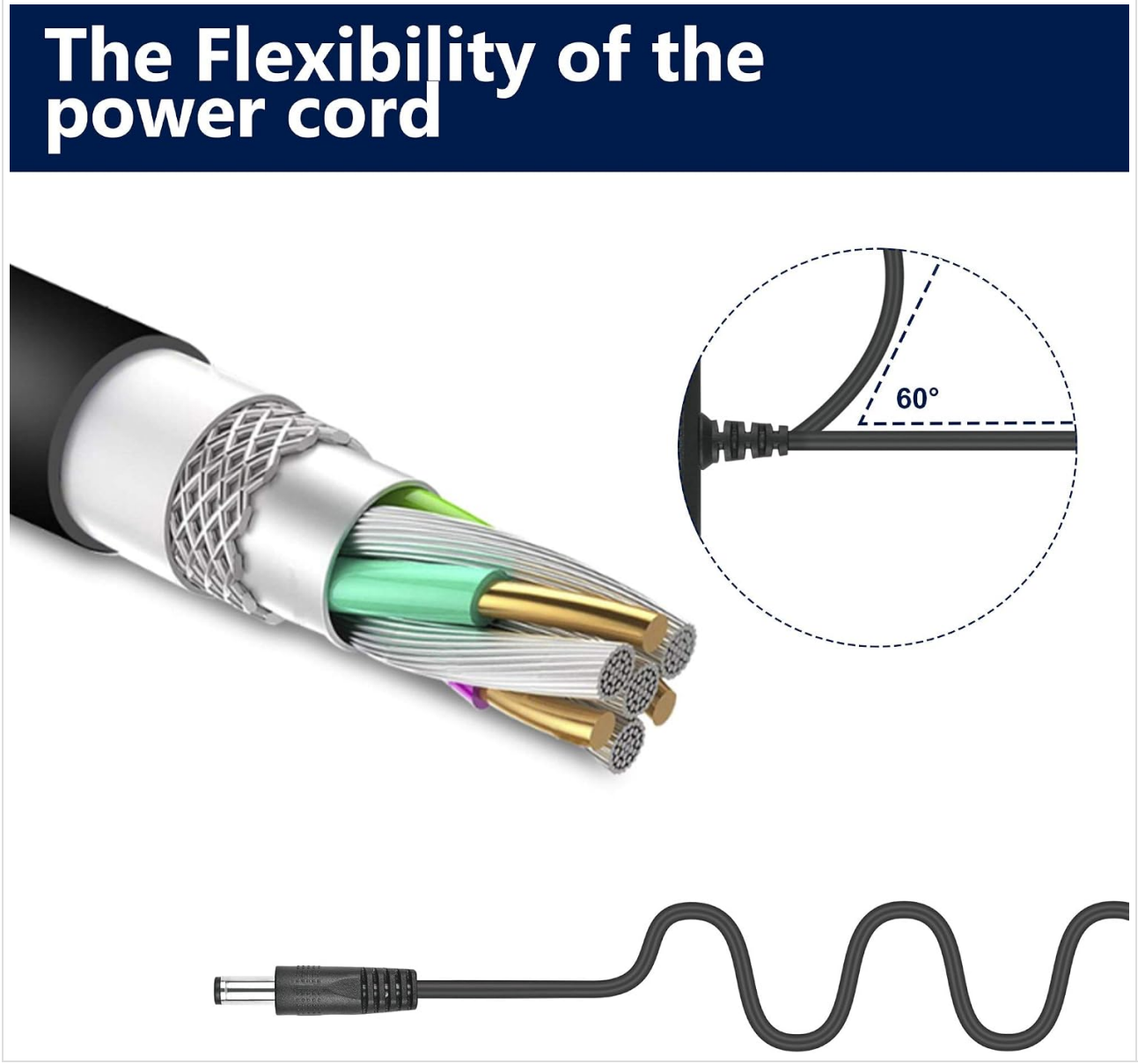

Image: The PKPOWER AC Adapter connected and actively charging a Duralast 700 Peak Amps jump starter on a wooden surface.

8. Maintenance

Proper maintenance ensures the longevity and safe operation of your PKPOWER AC Adapter Charger.

- **Cleaning:** Disconnect the adapter from all power sources before cleaning. Use a dry, soft 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 extreme temperatures.
- **Cable Care:** Avoid sharp bends, kinks, or excessive pulling on the power cord. The cord features a reinforced joint for durability, but proper handling is still recommended.
- **Inspection:** Periodically inspect the adapter and cable for any signs of wear, cuts, or damage. Discontinue use if damage is found.



Image: A close-up view of the reinforced joint on the power cord, designed to enhance durability and prevent rupture.



Image: An illustration showing the internal wiring and flexibility of the power cord, capable of bending up to 60 degrees without damage.

9. Troubleshooting

If you encounter issues with your PKPOWER AC Adapter Charger, refer to the following common problems and solutions:

Problem: The jump starter is not charging.

- **Solution 1:** Ensure the adapter is securely plugged into both the wall outlet and the jump starter's charging port.
- **Solution 2:** Verify that the wall outlet is functional by testing it with another device.
- **Solution 3:** Confirm that your Duralast Jump Starter model is listed as compatible with this adapter. Check the input specifications of your jump starter.
- **Solution 4:** Inspect the adapter's cable and plug for any visible damage. If damaged, discontinue use and replace the adapter.
- **Solution 5:** Some jump starters may require a minimum charge level to initiate charging. Refer to your jump starter's manual.

Problem: The adapter feels warm during charging.

- **Solution:** It is normal for power adapters to generate some heat during operation. If the adapter becomes excessively hot to the touch or emits a burning smell, immediately unplug it from the wall outlet and discontinue use. Contact customer support.

10. Warranty and Support

PKPOWER stands by the quality of its products.

- **Warranty:** This product comes with a 12-month promise, ensuring quality and reliability.
- **Customer Service:** For any questions, concerns, or technical assistance, please contact PKPOWER customer service. Our reliable customer service team aims to respond to inquiries within 24 hours.

Please refer to your purchase documentation or the PKPOWER official website for specific contact details.

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