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PKPOWER ANU

PK Power AC DC Adapter User Manual

Model: ANU-

Introduction

This user manual provides essential information for the safe and effective use of your PK Power AC DC Adapter. This adapter is specifically designed to provide power for the DH110 DieHard Lithium Ion Car Battery Jump Starter 12V Charger, ensuring reliable and efficient charging.

Safety Information

Please read and understand all safety instructions before using this product. Failure to follow these instructions may result in electric shock, fire, or serious injury.

- **Indoor Use Only:** This adapter is designed for indoor use. Do not expose it to rain, moisture, or extreme temperatures.
- **Proper Voltage:** Ensure the input voltage (100-240V AC) matches your power outlet.
- **Avoid Overloading:** Do not overload the adapter. Use it only for its intended purpose with compatible devices.
- **Inspect Before Use:** Before each use, inspect the adapter and its cable for any signs of damage. Do not use if damaged.
- **Keep Away from Children:** Store the adapter out of reach of children.
- **Disconnect When Not in Use:** Unplug the adapter from the power outlet when not in use or during electrical storms.
- **Ventilation:** Ensure adequate ventilation around the adapter during operation to prevent overheating.
- **No Disassembly:** Do not attempt to disassemble or modify the adapter. Refer all servicing to qualified personnel.

Product Overview

The PK Power AC DC Adapter is a reliable power supply unit featuring robust protection mechanisms and broad compatibility. It is designed to convert standard AC wall power to the DC voltage required by your DH110 DieHard Lithium Ion Car Battery Jump Starter.



Figure 1: The PK Power AC DC Adapter shown with its integrated power cord. This image displays the compact design and the standard US plug type.



Figure 2: Detailed view of the adapter with its dimensions labeled. The adapter measures approximately 2.92 inches in length, 1.58 inches in width, and 1.18 inches in height.



Figure 3: The adapter with its cable neatly coiled, demonstrating its portability and ease of storage.

Key Features:

- **Wide Input Voltage:** Supports 100-240V AC, 50-60Hz, making it suitable for international use with appropriate plug adapters.
- **Safety Certifications:** CE / FCC / RoHS certified, ensuring compliance with safety and environmental standards.
- **Advanced Protection:** Equipped with OVP (Over Voltage output Protection), OCP (Over Current output Protection), and SCP (Short Circuit output Protection) to safeguard your devices.
- **Compatibility:** Designed for use with the DH110 DieHard Lithium Ion Car Battery Jump Starter 12V Charger.

Setup

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

1. **Unpack:** Carefully remove the AC DC adapter from its packaging.
2. **Inspect:** Before connecting, visually inspect the adapter and its cable for any signs of damage, such as cuts, frayed wires, or bent pins. Do not use if any damage is observed.
3. **Locate Power Outlet:** Find a standard wall power outlet (100-240V AC) that is easily accessible and free from obstructions.
4. **Connect to Jump Starter:** Plug the DC output connector of the PK Power adapter into the designated charging input port on your DH110 DieHard Lithium Ion Car Battery Jump Starter. Ensure a secure connection.
5. **Connect to Wall Outlet:** Insert the AC plug of the adapter firmly into the wall power outlet.
6. **Verify Connection:** Confirm that both ends of the adapter are securely connected. The jump starter's charging indicator (if available) should illuminate, indicating that charging has begun.

Operating Instructions

The PK Power AC DC Adapter operates automatically once connected. It provides a stable 12V DC output to charge your compatible device.

- **Charging Process:** Once connected to a power source and the DH110 jump starter, the adapter will begin supplying

power. The charging status will be indicated by the jump starter itself (refer to the DH110's manual for specific charging indicators).

- **Charging Time:** Charging time will vary depending on the discharge level of the jump starter's battery. Monitor the jump starter's charge indicator.
- **Overcharge Protection:** The adapter is designed with OVP, OCP, and SCP to prevent damage from overcharging, overcurrent, or short circuits. However, it is good practice to disconnect the adapter once the jump starter is fully charged.
- **Disconnection:** To disconnect, first unplug the AC adapter from the wall outlet, then disconnect the DC output connector from the jump starter.

Maintenance

Proper maintenance ensures the longevity and safe operation 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 aerosols.
- **Storage:** Store the adapter in a cool, dry place away from direct sunlight and extreme temperatures. When storing, coil the cable loosely; do not wrap it tightly around the adapter, as this can damage the cable.
- **Cable Care:** Avoid bending, twisting, or pinching the power cord. Do not place heavy objects on the cord.
- **Regular Inspection:** Periodically inspect the adapter and cable for any signs of wear or damage.

Troubleshooting

If you encounter issues with your PK Power AC DC Adapter, refer to the following common troubleshooting steps:

Problem	Possible Cause	Solution
Adapter not providing power / Jump starter not charging.	No power from wall outlet. Loose connection. Damaged adapter or cable. Incompatible device.	Test the wall outlet with another device. Ensure all connections are secure and fully inserted. Inspect adapter and cable for damage. If damaged, discontinue use and replace. Verify that the adapter is used with the specified DH110 jump starter.
Adapter feels hot during use.	Normal operation (slight warmth). Poor ventilation. Overload or short circuit.	A slight warmth is normal. Ensure the adapter is in a well-ventilated area, not covered. Disconnect immediately. Check for short circuits in the connected device or cable. If overheating persists, discontinue use.

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

Specifications

Attribute	Detail
Model	ANU-

Attribute	Detail
Input Voltage	100-240V AC, 50-60Hz
Output Voltage	12 Volts DC
Item Weight	3 ounces (approx. 85 grams)
Certifications	CE, FCC, RoHS
Manufacturer	PKPOWER
Compatibility	DH110 DieHard Lithium Ion Car Battery Jump Starter 12V Charger

Warranty and Support

PK-Power stands behind its products. For any inquiries or assistance, please refer to the following:

- **Customer Service:** Our friendly and reliable customer service team is available to assist you. We aim to respond to all inquiries within 24 hours.
- **Contact Information:** For support, please refer to the contact details provided on the product packaging or the official PKPOWER website.
- **Warranty:** This product is covered by PK-Power's standard warranty. Please retain your proof of purchase for warranty claims.

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