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## FitPow FitPow AC/DC Power Adapter

# FitPow AC/DC Power Adapter User Manual

For Duralast 900 Amp Portable Battery Jump Starter BP-DL900

## 1. INTRODUCTION

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This manual provides essential instructions for the safe and effective use of your FitPow AC/DC Power Adapter. This adapter is designed to provide power to and charge compatible devices, specifically the Duralast 900 Amp Portable Battery Jump Starter, model BP-DL900. Please read this manual thoroughly before use and retain it for future reference.

## 2. SAFETY INFORMATION

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Observe the following safety precautions to prevent damage to the adapter or connected devices, and to ensure personal safety:

- **Do not expose to moisture:** Keep the adapter away from water, rain, or excessive humidity.
- **Proper ventilation:** Ensure the adapter is used in a well-ventilated area to prevent overheating.
- **Voltage compatibility:** This adapter supports a worldwide input voltage range of 100-240VAC. Ensure your wall outlet voltage is within this range.
- **Protection features:** The adapter includes Over Voltage Protection (OVP), Over Current Protection (OCP), and Short Circuit Protection (SCP) to safeguard your devices. However, avoid intentional short circuits or overloading.
- **Inspect before use:** Before each use, inspect the adapter and cable for any signs of damage. Do not use if damaged.
- **Unplug when not in use:** Disconnect the adapter from the power outlet when not in use or during electrical storms.

## 3. PRODUCT FEATURES

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- **Worldwide Input Voltage:** 100-240VAC, 50/60Hz, allowing for international use.
- **Advanced Protection:** Equipped with OVP (Over Voltage Protection), OCP (Over Current Protection), and SCP (Short Circuit Protection) for enhanced safety and device longevity.

- **Reliable Performance:** Each unit is tested to ensure great working condition and consistent power delivery.
- **Compatibility:** Specifically designed as a power supply cord and cable for the Duralast 900 Amp Portable Battery Jump Starter BP-DL900.

## 4. SETUP

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

1. **Verify Compatibility:** Ensure your device is the Duralast 900 Amp Portable Battery Jump Starter, model BP-DL900, or another device explicitly stated as compatible.
2. **Connect to Device:** Insert the DC output plug of the FitPow adapter firmly into the charging port of your Duralast BP-DL900 Jump Starter.
3. **Connect to Power Outlet:** Plug the AC input prongs of the adapter into a standard 100-240VAC wall outlet.

The jump starter should indicate that it is receiving power or charging, typically via an LED indicator.



Figure 1: FitPow AC/DC Power Adapter showing the main unit, US plug, and connected DC output cable.

## 5. OPERATING INSTRUCTIONS

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Once the adapter is properly connected, it will begin to supply power or charge the connected device. No further user interaction is typically required for basic operation.

- **Charging:** Allow the Duralast BP-DL900 Jump Starter to charge until its internal battery indicator shows a full charge, as per the jump starter's own instruction manual.
- **Power Supply:** If used solely as a power supply, ensure the connected device is operating within its specified power requirements.



Figure 2: Close-up view of the FitPow AC/DC Power Adapter's DC barrel connector, ready for insertion into a compatible device.

## 6. 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 solvents.
- **Storage:** Store the adapter in a cool, dry place away from direct sunlight and extreme temperatures. Avoid tightly coiling the cable to prevent damage.
- **Cable Care:** Do not pull on the cable to disconnect the adapter. Always grasp the plug itself. Avoid placing heavy objects on the cable.



Figure 3: Side view of the FitPow AC/DC Power Adapter, highlighting its compact design and ventilation grooves.

## 7. TROUBLESHOOTING

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If you encounter issues with your FitPow AC/DC Power Adapter, consider the following:

- **No Power Output:**
  - Ensure the adapter is securely plugged into a working wall outlet.
  - Verify the DC output plug is fully inserted into the device's charging port.
  - Test the wall outlet with another device to confirm it has power.
  
- **Device Not Charging:**
  - Confirm the adapter is the correct model for your Duralast BP-DL900 Jump Starter.
  - Check the charging port on your jump starter for any obstructions or damage.
  - Refer to your jump starter's manual for specific charging indicators and troubleshooting.

- **Overheating:**

- Disconnect the adapter immediately.
- Ensure adequate ventilation around the adapter. Do not cover it.
- If overheating persists, discontinue use and contact support.

If problems persist after attempting these steps, contact customer support.

## 8. SPECIFICATIONS

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- **Product Type:** AC/DC Power Adapter
- **Brand:** FitPow
- **Input Voltage:** 100-240VAC, 50/60Hz (Worldwide Use)
- **Compatibility:** Duralast 900 Amp Portable Battery Jump Starter BP-DL900
- **Protection Features:** OVP (Over Voltage Protection), OCP (Over Current Protection), SCP (Short Circuit Protection)
- **Special Feature:** Travel-friendly design

## 9. WARRANTY AND SUPPORT

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For warranty information or technical support, please refer to the documentation provided with your purchase or contact the seller directly. Keep your purchase receipt as proof of purchase.