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PKPOWER WD65NH4190, WD55UT4490, WE50UL3019, WE55UB4417

PKPOWER 6ft 18AWG AC Internal Power Cord Cable Lead User Manual

For Westinghouse Models: WD65NH4190, WD55UT4490, WE50UL3019, WE55UB4417

1. Introduction

This manual provides essential instructions for the safe and effective use of your PKPOWER 6ft 18AWG AC Internal Power Cord Cable Lead. Please read this manual thoroughly before installation and retain it for future reference. This power cord is designed to connect compatible Westinghouse television models to their internal power boards.

2. Safety Information

- **Disconnect Power:** Always ensure the television is unplugged from the wall outlet before attempting any internal connections or disconnections. Failure to do so can result in electric shock or damage to the device.
- **Professional Installation Recommended:** Internal component replacement should ideally be performed by a qualified technician. If you are unsure, consult a professional.
- **Inspect Cable:** Before installation, visually inspect the power cord for any signs of damage, such as cuts, frayed wires, or bent pins. Do not use a damaged cable.
- **Correct Orientation:** Ensure the connectors are aligned correctly before applying force. Incorrect insertion can damage the pins or the port.
- **Keep Dry:** Do not expose the cable or internal components to moisture or liquids.
- **Ventilation:** Ensure proper ventilation around the television after installation to prevent overheating.

3. Product Overview

The PKPOWER 6ft 18AWG AC Internal Power Cord is designed for specific Westinghouse television models. It features a standard 2-prong AC plug on one end and a specialized internal connector for the power board on the other.



Figure 3.1: Full view of the PKPOWER 6ft 18AWG AC Internal Power Cord. This image displays the entire length of the black cable, with the standard two-prong AC plug on one end and the white internal connector on the other. The cable is coiled in the middle.

- **AC Plug:** Standard 2-prong plug for connecting to a wall outlet.
- **Internal Connector:** White, multi-pin connector designed to interface with the television's power board.
- **Cable Length:** Approximately 6 feet (1.8 meters).
- **Wire Gauge:** 18AWG, indicating the thickness of the wire.



Figure 3.2: Detailed view of both ends of the power cord. This image provides a closer look at the standard two-prong AC plug and the white internal connector, highlighting their design and connection points.

4. Setup and Installation

Follow these steps carefully to install the PKPOWER AC Internal Power Cord:

1. **Power Disconnection:** Ensure the television is completely unplugged from the wall power outlet.
2. **Access Internal Components:** Carefully remove the back panel of your Westinghouse television to access the internal power board. Refer to your television's specific service manual for instructions on how to safely open the casing.
3. **Locate Power Board:** Identify the power board within the television. The existing power cord will be connected to it.
4. **Disconnect Old Cord (if applicable):** If replacing an existing cord, gently disconnect the old internal connector from the power board. Note its orientation.
5. **Connect New Cord:** Align the white internal connector of the PKPOWER cable with the corresponding port on the television's power board. Gently push until it is securely seated. Do not force the connection.
6. **Route Cable:** Route the cable safely within the television casing, ensuring it does not interfere with other components or get pinched when the back panel is reinstalled.
7. **Reassemble Television:** Carefully reattach the back panel of the television, ensuring all screws are tightened

appropriately.

8. **Connect to Wall Outlet:** Plug the standard 2-prong AC plug into a grounded wall power outlet.



Figure 4.1: Close-up view of the internal connector. This image highlights the specific design of the white connector that attaches to the television's power board, showing its pins and housing.

5. Operation

Once the PKPOWER AC Internal Power Cord is correctly installed and connected to a power source, the television should receive power. Turn on your television using its power button or remote control as you normally would. The power cord facilitates the internal power supply to the television's components.

6. Maintenance

- **Regular Inspection:** Periodically inspect the visible portion of the power cord for any signs of wear, damage, or overheating.
- **Cleaning:** Keep the exterior of the cable clean and free of dust. Use a dry, soft cloth for cleaning. Do not use liquid cleaners.
- **Avoid Stress:** Do not bend, twist, or pull the cable excessively, especially near the connectors. Avoid placing heavy objects on the cable.
- **Storage:** If the cable is removed for storage, coil it loosely and store it in a dry, cool place away from direct sunlight and extreme temperatures.

7. Troubleshooting

Problem	Possible Cause	Solution

Problem	Possible Cause	Solution
Television does not power on after installation.	Cable not fully connected to power board. AC plug not fully inserted into wall outlet. Wall outlet is not supplying power. Cable is damaged. Television internal fault.	Ensure the internal connector is securely seated. Verify the AC plug is firmly in the wall outlet. Test the wall outlet with another device. Inspect the cable for damage; replace if necessary. Consult a professional technician for television diagnosis.
Cable feels warm during operation.	Normal operation (slight warmth). Overload or faulty connection.	Slight warmth is normal. If excessively hot, immediately unplug the television and inspect connections. Do not use if overheating persists.

8. Specifications

Feature	Detail
Input Voltage	100-240V 50-60Hz
Cable Length	6 feet (approximately 1.8 meters)
Wire Gauge	18AWG
Connector Type (AC)	Standard 2-prong AC plug
Connector Type (Internal)	Proprietary multi-pin connector for power board
Color	Black
Certifications	CE / FCC / RoHS certified
Protection Features	OVP (Over Voltage Protection), OCP (Over Current Protection), SCP (Short Circuit Protection)
Product Dimensions	4 x 2 x 0.5 inches (packaging/cable dimensions)
Item Weight	3 ounces (approx. 85 grams)



Figure 8.1: Visual representation of cable specifications. This image displays text indicating the cable's weight as 80g and length as 5ft / 1.54m, alongside a coiled view of the cable. Note: The product title specifies a 6ft length.

9. Compatibility

This PKPOWER AC Internal Power Cord is specifically designed for the following Westinghouse television models:

- Westinghouse WD65NH4190
- Westinghouse WD55UT4490
- Westinghouse WE50UL3019
- Westinghouse WE55UB4417

Ensure your television model matches one of the listed models for proper functionality and safety. Using this cable with incompatible devices may result in damage or improper operation.

10. Warranty and Support

PKPOWER products are manufactured to high standards. For any questions, technical assistance, or warranty inquiries, please contact PKPOWER customer service. Our friendly and reliable customer service team aims to respond within 24 hours.

For further support, please refer to the contact information provided with your purchase or visit the official PKPOWER website.

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