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> [Xantrex PROwatt SW Auto Transfer Switch \(Model 808-0915\) Instruction Manual](#)

Xantrex 808-0915

Xantrex PROwatt SW Auto Transfer Switch

Model: 808-0915 | Brand: Xantrex

1. OVERVIEW

The Xantrex PROwatt SW Auto Transfer Switch (Model 808-0915) is designed to ensure seamless power switching in your mobile or off-grid power system. This automatic transfer switch intelligently transitions between shore power and inverter power, providing uninterrupted AC power to your essential devices. It is engineered for reliability and ease of integration with compatible inverter systems.

2. SAFETY INFORMATION

WARNING: Multiple 120/240 Volt power sources. All sources must be secured OFF before servicing. Refer service to a qualified electrician.

- Always disconnect all power sources (utility/shore power, generator, inverter) before performing any installation or maintenance.
- Ensure proper grounding to prevent electrical shock.
- Installation should be performed by a qualified electrician in accordance with all local and national electrical codes.
- Do not operate the switch if it appears damaged.

3. PACKAGE CONTENTS

- Xantrex 8080915 PROwatt SW Auto Transfer Switch

4. SETUP AND INSTALLATION

The Xantrex PROwatt SW Auto Transfer Switch is designed for straightforward installation. It features clearly labeled wiring terminals for connecting your AC power sources and loads. Ensure all power sources are disconnected before beginning installation.

4.1 Product Overview



Figure 1: Xantrex 8080915 PROwatt SW Auto Transfer Switch. This image shows the compact design of the transfer switch with its pre-wired connections for easy integration into your power system.

4.2 Wiring Connections

The transfer switch manages two AC inputs (Utility/Shore Power and Inverter/Generator) and one AC output (Load). The unit automatically switches to the available live source.

- **AC Input 1 (Inverter/Generator):** Connect the hot (black), neutral (white), and ground (green) wires from your inverter or generator to the designated terminals.
- **AC Input 2 (Utility/Shore Power):** Connect the hot (black), neutral (white), and ground (green) wires from your utility or shore power source to the designated terminals.
- **AC Output (Load):** Connect the hot (black), neutral (white), and ground (green) wires leading to your AC loads (e.g., electrical panel) to the designated terminals.

Refer to the diagram on the product label for specific wiring configurations. Ensure all connections are secure and properly insulated.

4.3 Installation Example (Illustrative)

Figure 2: Illustrative Wiring for an Automatic Transfer Switch. This video demonstrates the internal wiring and connection points for a similar automatic transfer switch. While the specific model shown may differ, the general principles of connecting input and output wires (hot, neutral, ground) are applicable for understanding the installation process. Always

refer to the specific wiring diagram on your Xantrex product for accurate connections.

5. OPERATING INSTRUCTIONS

The Xantrex PROwatt SW Auto Transfer Switch operates automatically. When multiple AC power sources are connected, the switch will prioritize and transfer the load to the designated primary source (typically utility/shore power) if available. If the primary source is lost, it will automatically switch to the secondary source (inverter/generator) if it is active. When the primary source returns, the switch will automatically transfer the load back.

- Ensure all power sources are properly connected and functioning.
- The transfer time is typically very fast, ensuring minimal interruption to your connected loads.

6. MAINTENANCE

The Xantrex PROwatt SW Auto Transfer Switch requires minimal maintenance. Regular inspection is recommended to ensure optimal performance and safety.

- **Periodic Inspection:** Annually, inspect all wiring connections to ensure they are tight and free from corrosion.
- **Cleaning:** Keep the exterior of the switch clean and free from dust and debris. Use a dry cloth for cleaning. Do not use liquid cleaners.
- **Environmental Conditions:** Ensure the switch is installed in a dry, well-ventilated area, protected from extreme temperatures and direct moisture.

7. TROUBLESHOOTING

If you experience issues with your Xantrex PROwatt SW Auto Transfer Switch, consider the following troubleshooting steps:

- **No Power to Loads:**
 - Check if both AC input sources (utility/shore power and inverter/generator) are active.
 - Verify all wiring connections are secure and correct.
 - Check circuit breakers or fuses in your power system.
- **Switch Not Transferring:**
 - Ensure the primary power source is truly lost or the secondary source is fully active.
 - Confirm the switch is receiving adequate voltage from the active source.
- **Overheating:**
 - Ensure the load connected does not exceed the maximum amperage rating of the switch.
 - Verify adequate ventilation around the unit.

If problems persist after attempting these steps, contact a qualified electrician or Xantrex customer support.

8. SPECIFICATIONS

| Feature | Specification |
|--------------|---------------|
| Brand | Xantrex |
| Model Number | 808-0915 |

| | |
|--|-----------------------------|
| Item Weight | 1 pounds |
| Product Dimensions | 10 x 7 x 4 inches |
| Max Service (from similar product diagram) | 120V 60Hz 1 Phase, 30A max. |
| Transfer Time (from similar product diagram) | <30ms |

9. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the documentation included with your product or visit the official Xantrex website. Keep your purchase receipt as proof of purchase for warranty claims.