

Furman PST-8 DIG

Furman PST-8 Digital Power Station User Manual

Brand: Furman | Model: PST-8 DIG

1. INTRODUCTION

The Furman PST-8 Digital Power Station is designed to provide clean, filtered AC power and superior protection for your electronic equipment. It incorporates Furman's proprietary SMP (Series Multi-Stage Protection) circuitry, which includes Linear Filtering Technology (LiFT) and a high-current TVZ-MOV, to ensure optimal performance and safeguard against electrical surges and spikes. The Extreme Voltage Shutdown (EVS) circuit automatically disconnects power if the input voltage exceeds safe levels, protecting connected devices.

2. KEY FEATURES

- **8 x NEMA 5-15R Outlets:** Provides ample connectivity for multiple electronic devices.
- **1 x NEMA 5-15P Input:** Standard power input for connection to a wall outlet.
- **1 x RJ11 & 2 x Coaxial Jacks:** Offers protection for telephone/network and cable/satellite lines.
- **Line Voltage: 120V:** Designed for standard North American electrical systems.
- **Over-Voltage Shutoff: 135 VAC:** Automatic shutdown to prevent damage from extreme voltage conditions.
- **SMP (Series Multi-Stage Protection):** Provides robust surge and spike protection without component sacrifice.
- **LiFT (Linear Filtering Technology):** Suppresses AC noise evenly across the entire frequency range for improved audio/video clarity.

3. SETUP INSTRUCTIONS

1. **Unpack the Unit:** Carefully remove the Furman PST-8 from its packaging. Inspect for any signs of damage.
2. **Placement:** Position the PST-8 in a stable location, away from excessive heat or moisture. Ensure adequate ventilation around the unit.
3. **Connect to Power:** Plug the PST-8's NEMA 5-15P input cable into a standard 120V AC wall outlet. The unit's power indicator should illuminate, confirming power is present.
4. **Connect Equipment:** Plug your electronic devices (audio/video equipment, computers, etc.) into the 8

NEMA 5-15R outlets on the PST-8. For optimal performance and protection, ensure all critical components are connected to the PST-8.

5. **Connect Communication Lines (Optional):** If desired, connect your telephone/network line to the RJ11 jacks and your cable/satellite lines to the coaxial jacks for additional surge protection.



Image: Top view of the Furman PST-8 Digital Power Station, highlighting the 8 NEMA 5-15R outlets, power switch, and indicator lights.



Image: Side view of the Furman PST-8 Digital Power Station, illustrating its durable metal construction.

4. OPERATING INSTRUCTIONS

The Furman PST-8 operates automatically once connected to a live power source. The front panel indicators provide status information:

- **Protection On:** A green light indicates that the SMP circuit is active and providing surge protection.
- **Extreme Voltage Shutdown (EVS):** If the input voltage exceeds 135 VAC, the EVS circuit will automatically shut off power to connected equipment. The unit will automatically reset once the voltage returns to a safe operating range.
- **Power Switch:** Use the illuminated power switch to turn the unit and all connected equipment on or off.

5. MAINTENANCE

The Furman PST-8 Digital Power Station requires minimal maintenance. Follow these guidelines to ensure its longevity and continued performance:

- **Cleaning:** Disconnect the unit from power before cleaning. Use a soft, dry cloth to wipe down the exterior. Avoid using liquid or aerosol cleaners.
- **Inspection:** Periodically check the power cord and connected cables for any signs of damage or fraying. Replace damaged cables immediately.
- **Ventilation:** Ensure that the ventilation openings on the unit are not blocked to prevent overheating.

6. TROUBLESHOOTING

- **No Power to Outlets:**
 - Check if the PST-8 is properly plugged into a live wall outlet.
 - Ensure the power switch on the PST-8 is in the 'On' position.
 - If the 'Extreme Voltage Shutdown' indicator is lit, the unit may have shut off due to high voltage. Wait for the voltage to stabilize, and the unit should reset automatically.
 - Verify that the circuit breaker in your home or office is not tripped.
- **Intermittent Power or Noise:**

- Ensure all connections are secure and free from damage.
- The LiFT technology should minimize noise. If noise persists, try isolating the source of interference by unplugging devices one by one.

• **Protection Indicator Off:**

- If the 'Protection On' indicator is not lit, the surge protection circuitry may have been compromised due to a severe surge. The unit may still pass power, but protection is no longer active. Contact Furman support for service or replacement.

7. SPECIFICATIONS

Feature	Specification
Product Dimensions	25 x 8.5 x 4.6 inches
Item Weight	5.44 pounds
Item Model Number	PST-8 DIG
Brand	Furman
Color	Black
Total Power Outlets	8
Voltage	120 Volts
Shape	Rectangle

8. WARRANTY AND SUPPORT

For warranty information, technical support, or service inquiries, please refer to the official Furman website or contact their customer service department. Keep your purchase receipt for warranty claims.