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POXURIO KF370032-01

POXURIO 3450-Watt Portable Inverter Generator User Manual

Model: KF370032-01

Introduction

This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your POXURIO 3450-Watt Portable Inverter Generator. Please read this manual thoroughly before operating the generator to ensure proper use and to prevent injury or damage.

The POXURIO 3450-Watt Portable Inverter Generator is designed for versatile power needs, offering a starting power of 3450W and a running wattage of 2.5 Kilowatts. Its lightweight and quiet design makes it suitable for various applications, from home backup power to outdoor activities.

Safety Information

Always prioritize safety when operating the generator. Failure to follow safety instructions can result in serious injury or death.

- **Carbon Monoxide Hazard:** Never operate the generator indoors or in poorly ventilated areas. Exhaust contains carbon monoxide, a colorless, odorless, and deadly gas. Always operate outdoors, far away from windows, doors, and vents.
- **Fire Hazard:** Fuel is highly flammable. Do not refuel while the engine is running or hot. Ensure the generator is on a level surface and away from flammable materials.
- **Electrical Shock Hazard:** Do not operate the generator in wet conditions. Ensure all electrical connections are secure and dry. Never connect the generator directly to a building's electrical system without a transfer switch installed by a qualified electrician.
- **Hot Surfaces:** The generator's engine and muffler become very hot during operation and remain hot for some time after shutdown. Avoid touching hot surfaces to prevent burns.
- **Children and Pets:** Keep children and pets away from the generator at all times.

Refer to the "DANGER" warning label on the generator for additional safety guidelines.

Product Overview

The POXURIO 3450-Watt Portable Inverter Generator is a compact and efficient power solution. Key components include:

- **Fuel Tank:** 1.6 Imperial Gallons capacity, providing up to 8.3 hours of use at 25% load.

- **Easy Start Dial:** Combines fuel, choke, and run functions for simplified starting.
- **Control Panel:** Features AC 120V outlets, USB-A ports (5V 1A, 5V 2.1A), ECO mode switch, reset button, and indicator lights (Low Oil, Overload, Run).
- **Digital Display:** Measures and displays voltage, frequency, and runtime.
- **Parallel Connection Ports:** Allows for connecting multiple generators to increase power output (requires separate paralleling cord).
- **Integrated Handle:** For easy portability.



Image: Front view of the POXURIO 3450-Watt Portable Inverter Generator, highlighting its compact design and control panel.



Image: The generator positioned outdoors, showing its dimensions (19.3"L x 11.8"W x 19.3"H) and emphasizing its emergency power capability.

Setup

1. **Unpacking:** Carefully remove the generator and all accessories from the packaging. Inspect for any shipping damage. Included accessories typically consist of a user manual, electrical outlet plug, tools (screwdriver, socket), and an oil funnel.



Image: The generator being unboxed, showing the user manual and initial accessories.

2. **Add Engine Oil:** The engine must be filled with oil before starting. Operating the unit without oil will damage the engine.
    - Locate the oil fill cap/dipstick on the side of the generator.
    - Remove the dipstick.
    - Using the provided funnel, carefully add SAE 10W-30 motor oil until it reaches the top line on the dipstick. Do not overfill.



Image: A close-up of the oil fill port and dipstick, demonstrating the process of adding engine oil using the included funnel.

3. **Add Fuel:**
    - Ensure the generator is turned OFF and cool before adding fuel.
    - Unscrew the fuel cap.
    - Carefully pour unleaded gasoline into the fuel tank. The tank capacity is 1.6 Imperial Gallons. Do not overfill.
    - Securely replace the fuel cap.



Image: A person adding gasoline to the generator's fuel tank, emphasizing its gas-powered nature.

Operating Instructions

1. **Starting the Generator:**
    - Place the generator on a firm, level surface outdoors, away from any structures or open windows/doors.
    - Turn the Easy Start Dial to the "ON" position.
    - If starting a cold engine, turn the Easy Start Dial to the "CHOKE" position.
    - Pull the recoil start handle firmly and smoothly until the engine starts.
    - Once the engine starts, slowly move the Easy Start Dial from "CHOKE" to "ON".



Image: Close-up of the Easy Start Dial, showing the OFF, ON, and CHOKE positions for starting the generator.

2. **Connecting Electrical Devices:**
    - Ensure the generator is running stably.
    - Plug your 120V AC devices into the standard outlets.
    - For charging USB devices, use the 5V 1A or 5V 2.1A USB-A ports.
    - Monitor the digital display for voltage, frequency, and runtime.



Image: The generator connected to an air compressor, demonstrating its ability to power various tools and appliances.

3. **ECO Mode:**
    - Switch the ECO mode to "ON" to allow the engine to automatically adjust its speed based on the load. This saves fuel and reduces noise during light loads.
    - Switch ECO mode to "OFF" for full power output, regardless of load.



Image: The generator operating quietly in an outdoor setting, illustrating its low noise feature, especially when ECO mode is engaged.

4. **Parallel Operation:**
    - For increased power, two POXURIO inverter generators can be connected in parallel using a specialized paralleling cord (sold separately).
    - Follow the instructions provided with the paralleling cord for safe and correct connection.



Image: Two POXURIO generators connected together, demonstrating their parallel capability for increased power output.

5. **Stopping the Generator:**
    - Disconnect all electrical devices from the generator.
    - Turn the Easy Start Dial to the "OFF" position.

Maintenance

Regular maintenance is crucial for the longevity and optimal performance of your generator. Always perform maintenance when the engine is off and cool.

- **Oil Level Check:** Check the engine oil level before each use. Add oil if necessary to maintain the proper level.
- **Oil Change:** Change the engine oil after the first 20 hours of operation, and then every 50 hours or annually, whichever comes first.
- **Air Filter Cleaning:** Inspect and clean the air filter regularly, especially in dusty conditions. Replace if damaged.
- **Spark Plug Inspection:** Inspect the spark plug annually or every 100 hours. Clean or replace as needed. Access the spark plug via the removable panel on the side of the generator.
- **Fuel Filter:** Inspect the fuel filter periodically and replace if clogged or damaged.
- **Storage:** For long-term storage, drain the fuel tank and carburetor, or use a fuel stabilizer. Store the generator in a clean, dry place.

Troubleshooting

Problem	Possible Cause	Solution
Engine will not start	No fuel; Low oil level; Choke not set correctly; Spark plug issue	Add fuel; Add oil; Adjust choke; Inspect/replace spark plug
No power output	Overload; Circuit breaker tripped; ECO mode engaged with high load	Reduce load; Reset circuit breaker; Turn off ECO mode for higher loads
Engine runs rough	Stale fuel; Clogged air filter; Dirty spark plug	Drain and replace fuel; Clean/replace air filter; Clean/replace spark plug
Overload indicator light is on	Connected devices exceed generator capacity	Disconnect devices, reduce load, then press reset button.

If problems persist after attempting these solutions, please contact customer support.

Specifications

Feature	Detail
Brand	POXURIO
Model Number	KF370032-01
Starting Wattage	3450 Watts
Running Wattage	2.5 Kilowatts
Voltage	120 Volts (AC)
Fuel Type	Gasoline (also supports Propane as per product specifications)
Tank Volume	1.6 Imperial Gallons
Runtime	Up to 8.3 hours (at 25% load) / 11 hours (general spec)
Noise Level	66 decibels (during operation)
Product Dimensions	19.3"L x 11.8"W x 19.3"H
Weight	46.3 pounds
Total Power Outlets	2 (AC 120V) + 2 (USB-A)
Special Features	Low noise, Parallel operation capable, Easy Start Dial

Warranty and Support

Your POXURIO 3450-Watt Portable Inverter Generator comes with a 1-year warranty from the date of purchase. This warranty covers defects in materials and workmanship under normal use.

For warranty claims, technical support, or any questions regarding your generator, please contact POXURIO customer service. Keep your proof of purchase for warranty validation.

Contact information for support can typically be found in the user manual included with your product or on the

manufacturer's official website.

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