

A-iPower GXS5000D

A-iPower GXS5000D Dual Fuel Portable Generator Instruction Manual

Model: GXS5000D

1. INTRODUCTION

This manual provides essential information for the safe and efficient operation of your A-iPower GXS5000D Dual Fuel Portable Generator. This generator is designed to provide reliable power for various applications, including job sites, RVs, home backup, and emergencies. It features a 223cc OHV engine and dual fuel capability, allowing operation on both gasoline and propane.



Figure 1: A-iPower GXS5000D Dual Fuel Portable Generator

2. SAFETY INFORMATION

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

- **Carbon Monoxide Hazard:** Generators produce carbon monoxide (CO), an odorless, colorless, and poisonous gas. Operate the generator **ONLY** outdoors and far away from windows, doors, and vents. Never use inside a home, garage, or any enclosed or semi-enclosed area. The GXS5000D includes a CO Sensor Shutdown feature for added safety.
- **Fire Hazard:** Fuel is highly flammable. Store fuel in approved containers in a well-ventilated area. Do not refuel while the engine is running or hot.
- **Electrical Shock Hazard:** Never operate the generator in wet conditions. Ensure all connections are secure and properly grounded.
- **Hot Surfaces:** The generator's engine and muffler become very hot during operation and remain hot for some time after shutdown. Avoid contact with hot surfaces.

3. UNPACKING AND ASSEMBLY

Your generator comes with essential components for initial setup. Carefully unpack all items and ensure nothing is missing.

- Remove the generator and all accessories from the packaging.
- Attach the wheels and support feet as per the Quick Start Guide.
- Add the provided engine oil to the crankcase. Do not overfill.
- Connect the battery terminals (if applicable for electric start models).



Figure 2: Included components: Portable Generator, Quick Start Guide, Manual, Toolkit, LPG Hose Regulator, 30A RV Adaptor.

4. COMPONENTS AND CONTROLS

Familiarize yourself with the generator's control panel and key components before operation.

CONTROL PANEL

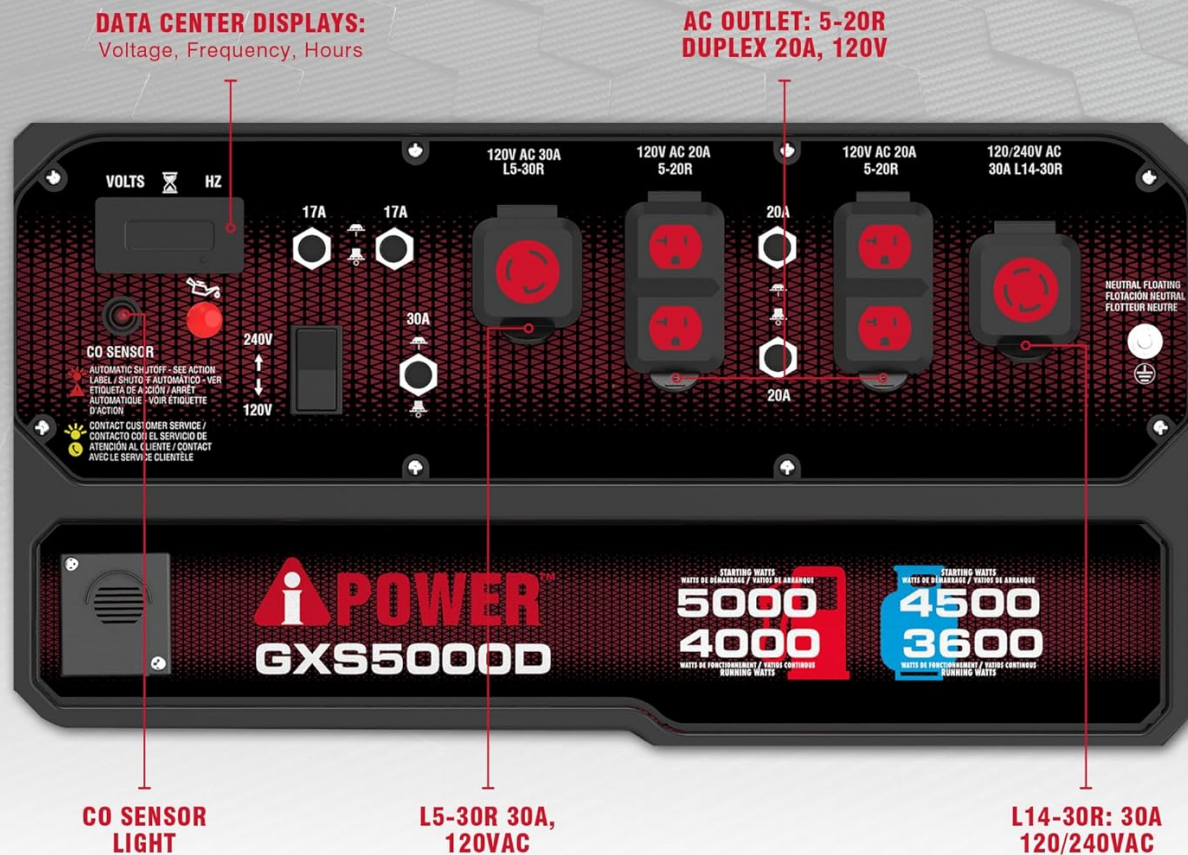


Figure 3: Detailed view of the GX5000D control panel.

- **CO Sensor Indicator Light:** Alerts to dangerous carbon monoxide levels.
- **Data Center Display:** Shows voltage, frequency, and hours of operation.
- **AC Outlets:** Includes 2 x 5-20R duplex 20 Amp 120-Volt, 1 x L5-30R 30 Amp 120-Volt, and 1 x L14-30R 120-Volt/240-Volt 30 Amp twistlock.
- **Fuel Selector Switch:** Allows switching between gasoline and propane.
- **Engine Switch:** On/Off switch for the engine.

5. FUELING THE GENERATOR

The GX5000D operates on both gasoline and propane. Always ensure the generator is off and cooled before fueling.

5.1. Gasoline Operation

- Use fresh, unleaded gasoline with an octane rating of 87 or higher.
- Open the fuel cap and slowly pour gasoline into the fuel tank (6.3-gallon capacity).
- Do not overfill. Leave space for fuel expansion.
- Securely close the fuel cap.

5.2. Propane (LPG) Operation

- Connect the provided LPG hose regulator to a standard 20 lbs. propane tank.
- Connect the other end of the hose to the generator's propane inlet.
- Ensure all connections are tight to prevent leaks.
- Slowly open the valve on the propane tank.



Figure 4: Connecting the propane hose to the generator.

6. STARTING THE GENERATOR

Follow these steps to start your generator based on the chosen fuel type.

6.1. Starting on Gasoline

1. Ensure the generator is on a level surface and all electrical loads are disconnected.
2. Turn the fuel selector switch to the 'Gasoline' position.
3. Move the choke lever to the 'Choke' position (if the engine is cold).

4. Turn the engine switch to 'ON'.
5. Pull the recoil start handle firmly and steadily until the engine starts.
6. Once the engine starts, slowly move the choke lever to the 'Run' position.

6.2. Starting on Propane (LPG)

1. Ensure the generator is on a level surface and all electrical loads are disconnected.
2. Ensure the propane tank is connected and the valve is open.
3. Turn the fuel selector switch to the 'Propane' position.
4. Move the choke lever to the 'Choke' position (if the engine is cold).
5. Turn the engine switch to 'ON'.
6. Pull the recoil start handle firmly and steadily until the engine starts.
7. Once the engine starts, slowly move the choke lever to the 'Run' position.

7. OPERATING THE GENERATOR

Once the generator is running, you can connect your electrical devices.

- **Connecting Devices:** Plug your devices into the appropriate AC outlets. Do not overload the generator.
- **Eco Mode:** The generator may feature an Eco mode switch. Engaging this mode can reduce engine speed, lowering fuel consumption and noise levels when the load is light.
- **Monitoring:** Regularly check the data center display for voltage, frequency, and runtime. Pay attention to the CO sensor indicator light.

Your browser does not support the video tag.

Video 1: Official A-iPower video demonstrating the GXS5000D Dual Fuel Generator in operation.

8. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your generator.

- **Oil Changes:** Check engine oil level before each use. Change oil after the first 20 hours of operation, then every 100 hours or annually.
- **Air Filter:** Inspect and clean the air filter regularly. Replace if damaged.
- **Spark Plug:** Inspect and clean the spark plug annually or every 100 hours. Replace if necessary.
- **Fuel System:** If storing for an extended period, drain the gasoline from the tank and carburetor to prevent fuel degradation. For propane, simply close the tank valve.

9. TROUBLESHOOTING

If your generator encounters issues, refer to the following common troubleshooting tips. For detailed solutions, consult the full user manual.

- **Engine Not Starting:** Check fuel level, engine oil level, spark plug, and ensure the engine switch is 'ON' and choke is correctly set.
- **No Power Output:** Check circuit breakers on the control panel. Ensure no overload condition exists.

- **CO Sensor Shutdown:** If the CO sensor light is on and the generator shuts down, move the generator to a well-ventilated area and allow it to cool before restarting.

10. SPECIFICATIONS

Feature	Specification
Model Name	GXS5000D
Engine Type	223cc OHV 4-Stroke
Starting Wattage (Gasoline)	5000 Watts
Running Wattage (Gasoline)	4000 Watts
Starting Wattage (LPG)	4500 Watts
Running Wattage (LPG)	3600 Watts
Fuel Type	Gasoline, Propane
Gasoline Tank Volume	6.3 Gallons
Run Time (Gasoline, 25% load)	Up to 20 hours
Run Time (LPG, 25% load)	Up to 18.5 hours (with 20 lbs. propane tank)
Sound Level	68dB
Product Dimensions (L x W x H)	23.6" x 24" x 24"
Item Weight	125.7 pounds
Special Features	CO Sensor, Dual Fuel, Automatic Idle Control, Heavy Duty

11. WARRANTY AND SUPPORT

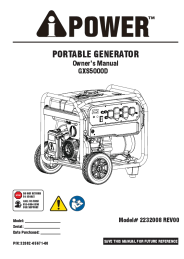



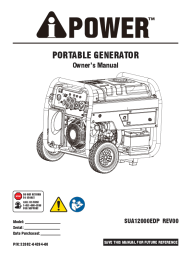
A-iPower stands behind its products and offers a 3-year limited manufacturer's warranty for the GXS5000D generator. For warranty claims, technical assistance, or customer support, please refer to the contact information provided in your Quick Start Guide or the full user manual.

Related Documents - GXS5000D



[A-iPower SUA5800iED Dual Fuel Inverter Generator: Features, Specs, and Technology](#)

Detailed overview of the A-iPower SUA5800iED Dual Fuel Inverter Generator, including key features, technical specifications, control panel functions, and Fuel Sense technology. Learn about its 5800 starting watts, 224cc engine, and extended runtime capabilities.

 <p>The image shows the cover of the A-iPower GXS5000D Portable Generator Owner's Manual. It features the A-iPower logo at the top, followed by the text 'PORTABLE GENERATOR Owner's Manual GXS5000D'. Below this is a technical line drawing of the generator. At the bottom, there are safety icons and the text 'Model: GXS5000D REV03', 'Date: 10/15/2019', and 'Part Number: 45191-148'.</p>	<p>A-iPower GXS5000D Portable Generator Owner's Manual</p> <p>Comprehensive owner's manual for the A-iPower GXS5000D portable generator, covering safety precautions, operating instructions, maintenance schedules, troubleshooting, specifications, and warranty information.</p>
 <p>The image shows the cover of the A-iPower SUA2300i 2300 Watt Inverter Generator. It features the A-iPower logo at the top, followed by the text 'SUA2300i'. Below this is a photograph of the red and black generator. At the bottom, there are safety icons and the text 'Model: SUA2300i REV03', 'Date: 10/15/2019', and 'Part Number: 45191-148'.</p>	<p>A-iPOWER SUA2300i 2300 Watt Inverter Generator: Features, Specs, and Overview</p> <p>Detailed overview of the A-iPOWER SUA2300i 2300 Watt Inverter Generator, including key features, technical specifications, outlet types, parallel operation capabilities, and included accessories. Learn about its powerful 80cc engine, clean power output (<3% THD), and quiet operation.</p>
 <p>The image shows the cover of the A-iPower SUA2000iD 2000 Watt Dual Fuel Inverter Generator. It features the A-iPower logo at the top, followed by the text 'SUA2000iD'. Below this is a photograph of the red and black generator. At the bottom, there are safety icons and the text 'Model: SUA2000iD REV03', 'Date: 10/15/2019', and 'Part Number: 45191-148'.</p>	<p>A-iPower SUA2000iD 2000 Watt Dual Fuel Inverter Generator Specifications and Features</p> <p>Detailed specifications and features for the A-iPower SUA2000iD 2000 Watt Dual Fuel Inverter Generator, including power output, fuel types, run time, noise level, and technical data.</p>
 <p>The image shows the cover of the A-iPower XOS2300iD 2300 Watt Dual Fuel Inverter Generator. It features the A-iPower logo at the top, followed by the text 'XOS2300iD'. Below this is a photograph of the red and black generator. At the bottom, there are safety icons and the text 'Model: XOS2300iD REV03', 'Date: 10/15/2019', and 'Part Number: 45191-148'.</p>	<p>A-iPower XOS2300iD 2300 Watt Dual Fuel Inverter Generator</p> <p>Specifications and features for the A-iPower XOS2300iD, a 2300 Watt Dual Fuel Inverter Generator with Fuel Sense Technology, EPA certified, lightweight design, and clean power output.</p>
 <p>The image shows the cover of the A-iPower SUA12000EDP Portable Generator Owner's Manual. It features the A-iPower logo at the top, followed by the text 'PORTABLE GENERATOR Owner's Manual SUA12000EDP'. Below this is a technical line drawing of the generator. At the bottom, there are safety icons and the text 'Model: SUA12000EDP REV03', 'Date: 10/15/2019', and 'Part Number: 45191-148'.</p>	<p>A-iPower SUA12000EDP Portable Generator Owner's Manual: Safety, Operation, and Maintenance Guide</p> <p>Comprehensive owner's manual for the A-iPower SUA12000EDP portable generator. Learn about safe operation, setup, maintenance, troubleshooting, and specifications for reliable power generation. Features dual fuel capability (gasoline/propane) and critical carbon monoxide safety information.</p>