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DuroMax XP13000EH

DuroMax XP13000EH 13,000-Watt Dual Fuel Portable Generator Instruction Manual

Model: XP13000EH | Brand: DuroMax

1. INTRODUCTION

This manual provides essential information for the safe and efficient operation and maintenance of your DuroMax XP13000EH 13,000-Watt Dual Fuel Portable Generator. This generator is designed to provide reliable power using either gasoline or propane, making it a versatile solution for various power needs.



Figure 1: The DuroMax XP13000EH Dual Fuel Portable Generator, showcasing its robust frame and control panel.

2. SAFETY INFORMATION

Always read and understand all safety warnings and instructions before operating the generator. Failure to do so may result in serious injury or death.

- **Carbon Monoxide (CO) Alert:** This generator is equipped with CO Alert technology. If carbon monoxide levels become unsafe, the generator will automatically shut down. Always operate the generator outdoors in a well-ventilated area, far from windows, doors, and vents.
- **Fuel Safety:** Gasoline is highly flammable. Store fuel in approved containers in a well-ventilated area. Propane tanks must be securely connected and free of leaks.
- **Electrical Safety:** Ensure all electrical connections are secure and properly grounded. Do not operate in wet conditions.
- **Hot Surfaces:** The generator's engine and muffler become very hot during operation and remain hot for some time after shutdown. Avoid contact.

3. GETTING STARTED (SETUP)

3.1 Unpacking and Assembly

Carefully remove the generator from its packaging. The unit includes a wheel and handle kit, an oil funnel, a spark plug wrench, and a tool set for assembly. Attach the wheels and handles as per the detailed instructions in the

owner's manual to facilitate portability.



Figure 2: The generator features a robust all-metal construction and no-flat tires for easy portability.

3.2 Adding Engine Oil

Before first use, add the recommended engine oil (not included) to the crankcase using the provided oil funnel. Refer to the owner's manual for the correct oil type and capacity. The generator is equipped with a low oil shutdown feature to protect the engine.

3.3 Connecting Battery

Connect the battery terminals as instructed in the owner's manual. The generator features an electric start, which requires a connected and charged battery.

3.4 Fuel Selection and Connection

The XP13000EH operates on either gasoline or propane. Select your desired fuel type using the fuel switch on the control panel.

- **Gasoline:** Fill the fuel tank with fresh, unleaded gasoline. The tank has an 8.3-gallon capacity. Always use a

fuel stabilizer if storing gasoline for extended periods.

- **Propane:** Connect a propane tank (not included) to the propane inlet on the control panel using the appropriate hose and regulator. Ensure all connections are tight to prevent leaks.



Figure 3: The generator can be connected to external propane tanks for extended operation.

4. OPERATION

4.1 Pre-Start Checklist

- Ensure the generator is on a level surface.
- Check engine oil level.
- Verify sufficient fuel (gasoline or propane).
- Confirm all circuit breakers are in the OFF position before starting.
- Ensure the battery switch is ON for electric start.

4.2 Starting the Engine

The XP13000EH offers both electric and manual pull start options.

- **Electric Start:** Turn the battery switch to ON. Select the desired fuel type (Gas or Propane) using the fuel switch. Press and hold the 'Engine Start/Stop' button until the engine starts.
- **Manual Pull Start:** Ensure the battery switch is OFF. Select the desired fuel type. Firmly pull the recoil starter handle until the engine starts.

4.3 Connecting Electrical Loads

Once the engine is running smoothly, you can connect your electrical devices. The control panel features a variety of outlets:

- AC 120V 30A
- AC 120V 20A GFCI (2 outlets)
- AC 120/240V 30A
- AC 120/240V 50A (Transfer Switch Ready)
- DC 12V 8A

Engage the circuit breakers for the outlets you intend to use. Always connect devices one at a time to avoid overloading the generator.

FULLY LOADED POWER PANEL



- Push Button Start
- 2 Household Outlets
- Low Oil Sensor
- Digital Multimeter
- Home Power Backup-Ready
- 50 Amp & 30 Amp Outlets

Figure 4: Detailed view of the generator's fully loaded power panel with various outlets and controls.

4.4 Monitoring

The integrated multi-meter displays Voltage, Hertz, and Hours Run, allowing you to monitor the generator's performance.

4.5 Stopping the Engine

Before stopping, disconnect all electrical loads. Press the 'Engine Start/Stop' button to turn off the engine. If using gasoline, turn the fuel valve to the OFF position and allow the engine to run until it shuts off to clear the carburetor for storage.

5. MAINTENANCE

Regular maintenance is crucial for the longevity and reliable operation of your generator. Refer to the owner's manual for a detailed maintenance schedule.

- **Oil Changes:** Change engine oil at recommended intervals.
- **Air Filter:** Inspect and clean/replace the air filter regularly.

- **Spark Plug:** Inspect and replace the spark plug as needed.
- **Fuel System:** For gasoline, use a fuel stabilizer during storage. For propane, ensure the tank is disconnected and stored safely.
- **CO Alert System:** The CO Alert system requires periodic checks as outlined in the manual.

6. TROUBLESHOOTING

If you encounter issues with your generator, consult the troubleshooting section of the owner's manual for common problems and solutions. Below are a few general tips:

- **Engine Won't Start:** Check fuel level, oil level, battery charge, and ensure the correct fuel type is selected.
- **No Power Output:** Check circuit breakers on the control panel and ensure they are engaged.
- **Engine Shuts Down:** This could be due to low oil, an activated CO Alert, or an overload. Address the cause before restarting.

7. SPECIFICATIONS

Feature	Specification
Brand	DuroMax
Model Name	XP13000EH
Wattage (Peak)	13,000 watts (Gasoline) / 12,350 watts (Propane)
Wattage (Running)	10,500 watts (Gasoline) / 9,975 watts (Propane)
Fuel Type	Gasoline/Propane (Dual Fuel)
Power Source	Gas
Engine Type	500cc OHV 4-Stroke
Ignition System	Electric Start
Gasoline Tank Volume	8.3 Gallons
Item Weight	234 Pounds
Product Dimensions	30"L x 29"W x 26"H
Voltage	120/240 Volts
Special Features	CO Sensor, Dual Fuel, Electric Start, Foldable Handle, Hour Meter, Low Oil Shutdown, Portable



Figure 5: Comparison of peak and running wattage for gasoline and propane fuel types.

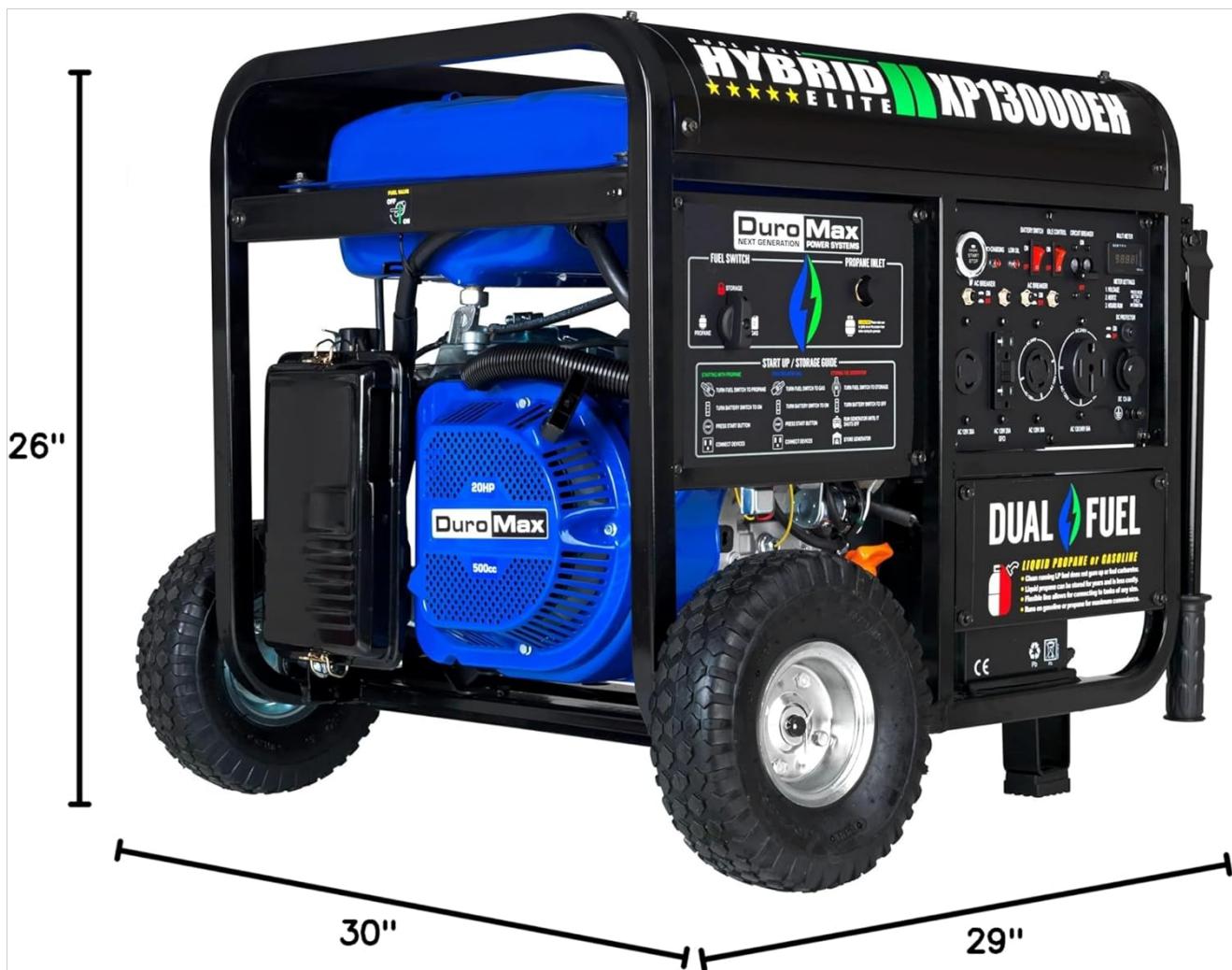


Figure 6: The physical dimensions of the DuroMax XP13000EH generator.

8. WARRANTY AND SUPPORT

The DuroMax XP13000EH generator comes with a 3-Year Warranty. For technical support, warranty claims, or any questions regarding your product, please refer to the contact information provided in your owner's manual or visit the official DuroMax website.

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Related Documents - XP13000EH

 <p>DuroMax XP7000iHT User Manual</p> <p>This manual provides basic instructions for operating your generator. We have made every effort to ensure that the information contained in this manual is accurate. However, we cannot guarantee that it is 100% error-free. If you have any questions or concerns, please contact our customer service department.</p> <p>844-DUROMAX</p>	<p><u>DuroMax XP7000iHT User Manual - Operation, Maintenance, and Safety Guide</u></p> <p>Official user manual for the DuroMax XP7000iHT portable tri-fuel generator. Learn how to safely set up, operate, and maintain your generator using gasoline, propane, or natural gas. Includes detailed instructions, safety warnings, troubleshooting tips, and specifications from DuroMax Power Equipment.</p>
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 <p>XP13000EH GENERATOR User Manual 844-DUROMAX</p>	<p>DuroMax XP13000EH Generator Quick Start Guide</p> <p>This guide provides essential steps for starting and operating the DuroMax XP13000EH Dual Fuel Generator using gasoline or propane. It includes component identification, package contents, and customer service information.</p>
	<p>DuroMax XP9500iHT Quick Start Guide: Gasoline, Propane, Natural Gas Startup</p> <p>Concise quick start guide for the DuroMax XP9500iHT portable tri-fuel generator. Learn how to start your generator using gasoline, propane, or natural gas with step-by-step instructions.</p>
 <p>XP13000EH GENERATOR User Manual 844-DUROMAX</p>	<p>DuroMax XP13000EH Generator User Manual - Operation, Safety, and Maintenance Guide</p> <p>Comprehensive user manual for the DuroMax XP13000EH Dual Fuel Generator. Learn about setup, safe operation, maintenance procedures, troubleshooting, and specifications for reliable power generation.</p>
 <p>XP16000iHT User Manual 844-DUROMAX</p>	<p>DuroMax XP16000iHT User Manual: Reliable Tri-Fuel Portable Generator</p> <p>This user manual for the DuroMax XP16000iHT Tri-Fuel portable generator provides comprehensive guidance on setup, operation, safety procedures, and maintenance. Learn to use your generator reliably for home backup, job sites, and outdoor adventures with features like the CO Alert system. Visit duromaxpower.com for more information.</p>
	<p>DuroMax XP10000HX Quick Start Guide: Assembly and Operation</p> <p>A comprehensive quick start guide for the DuroMax XP10000HX portable generator, detailing assembly steps and procedures for starting the unit using either propane or gasoline.</p>