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DuroMax XP4400E

DuroMax XP4400E Gas Powered Portable Generator Instruction Manual

Model: XP4400E | Brand: DuroMax

1. PRODUCT OVERVIEW

The DuroMax XP4400E is a robust gas-powered portable generator designed to provide reliable power for various applications, including home backup, job sites, camping, and RVs. With 4,400 starting watts and 3,500 running watts, it is capable of handling heavy loads, from essential household appliances to high-amperage power tools.



Figure 1: Front-right view of the DuroMax XP4400E Portable Generator.

Key Features:

- **Plenty of Power:** 4,400 starting watts and 3,500 running watts for heavy loads.
- **Powerful Engine:** DuroMax 210cc OHV engine designed for multiple jobs.
- **MX2 Technology:** Allows operation at both 120V and 240V simultaneously, or 120V only with full power, ideal for RVs.
- **Low Oil Shutoff:** Automatically shuts off the generator when oil levels are low to protect the engine.
- **Fully Featured Power Panel:** Includes 2 120V household GFCI outlets, 1 120/240V 30A twist lock outlet, a voltmeter, and 12V DC charging posts.

APPLICATIONS



Figure 2: Illustration of DuroMax XP4400E Portable Generator applications, including home power, jobsites, and camping/RVs.

2. SAFETY INFORMATION

Always read and understand the entire instruction manual before operating the generator. Failure to follow safety instructions can result in serious injury or death.

General Safety Guidelines:

- Carbon Monoxide Hazard:** Generators produce carbon monoxide, an odorless, colorless gas that can kill you. **NEVER** operate the generator indoors or in partially enclosed spaces. Always operate outdoors in a well-ventilated area, away from windows, doors, and vents.
- Electrical Shock Hazard:** Ensure the generator is properly grounded. Do not operate in wet conditions. Always use appropriate extension cords rated for outdoor use and the power requirements of your appliances.
- Fire Hazard:** Gasoline is highly flammable. Refuel in a well-ventilated area with the engine off and cool. Do not smoke or allow open flames near the generator. Store fuel in approved containers away from living areas.
- Hot Surfaces:** The generator's engine and muffler become very hot during operation and remain hot for some time after shutdown. Handle with care and do not touch.

time after shutdown. Avoid touching hot surfaces to prevent burns.

- **Eye and Ear Protection:** Always wear appropriate eye protection (safety glasses) and hearing protection when operating the generator.

This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm (Proposition 65 Warning).



Figure 3: The generator's control panel, featuring safety warnings and various power outlets.

3. SETUP

Unpacking and Assembly:

1. Carefully remove the generator from its packaging.
2. Attach the wheels and support legs using the provided hardware. Ensure all bolts are tightened securely.
3. Install the handle kit for easy portability.



Figure 4: Side view of the generator, illustrating the wheel assembly for portability.

Adding Oil and Fuel:

1. Place the generator on a level surface.
2. Remove the oil fill cap/dipstick. Add the recommended engine oil (typically 10W-30) until it reaches the upper mark on the dipstick. Do not overfill.
3. Fill the fuel tank with fresh, unleaded gasoline (minimum 87 octane). Do not overfill the tank. Ensure the fuel cap is securely fastened.



Figure 5: Close-up of the fuel cap, indicating the fuel type and capacity.

4. OPERATING INSTRUCTIONS

Starting the Generator:

1. Ensure the generator is on a level surface and all electrical loads are disconnected.
2. Turn the fuel valve to the 'ON' position.
3. Move the choke lever to the 'CHOKE' position (if the engine is cold).
4. Insert the key into the ignition switch and turn it to the 'START' position. Release the key once the engine starts.
5. Once the engine starts and runs smoothly, gradually move the choke lever to the 'RUN' position.
6. Allow the generator to run for a few minutes to warm up before connecting any electrical loads.

Connecting Electrical Loads:

- Ensure the total running wattage of your appliances does not exceed the generator's running wattage (3,500

watts).

- Plug your appliances into the appropriate outlets on the power panel.
- For 120V/240V operation, utilize the twist-lock outlet and MX2 Technology as needed.

Stopping the Generator:

1. Disconnect all electrical loads from the generator.
2. Allow the generator to run for a few minutes without load to cool down.
3. Turn the ignition switch to the 'OFF' position.
4. Turn the fuel valve to the 'OFF' position.

5. MAINTENANCE

Regular maintenance is crucial for the longevity and safe operation of your DuroMax XP4400E generator.

Routine Checks:

- **Before Each Use:** Check engine oil level, fuel level, and inspect for any loose hardware or visible damage.
- **Every 25 Hours or Annually:** Change engine oil.
- **Every 50 Hours or Annually:** Clean or replace the air filter.
- **Every 100 Hours or Annually:** Inspect spark plug, fuel filter, and valve clearance.



Figure 6: Engine side of the generator, showing the air filter housing for maintenance access.

Storage:

For extended storage, ensure the fuel system is drained or treated with a fuel stabilizer to prevent fuel degradation. Store the generator in a clean, dry area, away from direct sunlight and extreme temperatures.

6. TROUBLESHOOTING

If your generator experiences issues, consult the following common troubleshooting steps:

- **Engine Will Not Start:** Check fuel level, oil level, spark plug condition, and ensure the choke is set correctly for a cold start. Verify the ignition switch is in the 'ON' position.
- **No Power Output:** Check if circuit breakers are tripped on the control panel. Ensure all connections are secure and that the total load does not exceed the generator's capacity.
- **Engine Runs Rough:** Inspect the air filter for clogs and clean or replace if necessary. Check for stale fuel and replace with fresh gasoline if needed.
- **Low Oil Shutoff Engaged:** Add engine oil to the proper level. The generator will not run if the oil is too low.

For more complex issues, refer to the detailed troubleshooting section in the full owner's manual or contact DuroMax customer support.

7. SPECIFICATIONS

Feature	Specification
Brand	DuroMax
Model Name	Gas Powered Portable Generator - 4400 Watt -
Item Model Number	XP4400E
Starting Wattage	4400 Watts
Running Wattage	3500 Watts
Engine Type	4 Stroke, 210cc OHV
Fuel Type	Gasoline
Tank Volume	3.96 Gallons
Voltage	120 Volts
Total Power Outlets	3 (2x 120V GFCI, 1x 120/240V 30A Twist Lock)
Special Feature	Electric Start
Item Weight	127 Pounds
Product Dimensions	24"L x 17"W x 17"H
Material	Metal



Figure 7: Image displaying the dimensions of the DuroMax XP4400E Portable Generator.

8. WARRANTY AND SUPPORT

For warranty information, technical support, or service inquiries, please contact DuroMax customer support. Refer to the official DuroMax website or your purchase documentation for specific warranty terms and conditions.

Manufacturer: DuroMax

Customer Support: For assistance, please visit the DuroMax Store on Amazon or refer to the contact information provided in your product's packaging.