

Generac 8011

Generac GP7500E Dual-Fuel Portable Generator

INSTRUCTION MANUAL



1. INTRODUCTION

The Generac GP7500E Dual Fuel portable generator is designed to provide reliable power for various applications, from outdoor events and DIY projects to emergency backup during power outages. This versatile unit operates on either gasoline or LP (liquid propane) gas, offering flexibility and convenience. Equipped with advanced features like COsense[®] Technology and PowerRush[™] Advanced Technology, it ensures both safety and powerful performance.



Figure 1.1: Generac GP7500E Dual-Fuel Portable Generator



Figure 1.2: Versatile applications for the Generac GP7500E

2. SAFETY INFORMATION

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

2.1 Carbon Monoxide Safety (COsense® Technology)

Your Generac GP7500E is equipped with COsense® Technology, which provides powerful protection against hazardous carbon monoxide (CO). This system automatically detects and alerts you to dangerous levels of CO, and will shut down the generator if CO levels become unsafe. **Never operate the generator indoors or in partially enclosed spaces. Always operate outdoors in an open area, away from windows, doors, and vents.**

GP7500E DF **key features**

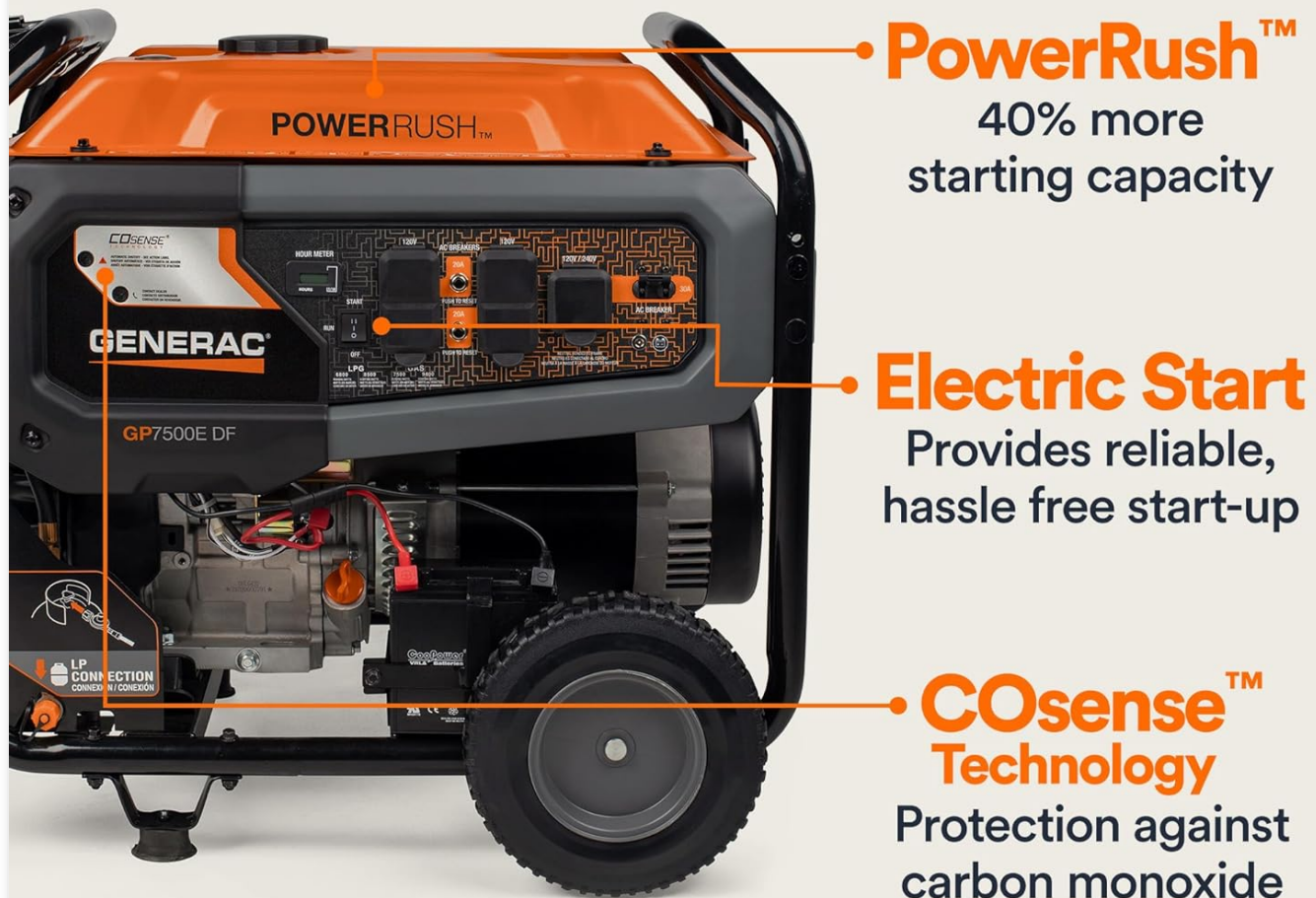


Figure 2.1: Key safety and operational features including COsense® Technology

2.2 Fuel Safety

- Store fuel in approved containers in a well-ventilated area.
- Do not refuel a hot or running engine. Allow the generator to cool before adding fuel.
- Avoid spilling fuel. If spilled, clean it up immediately and ensure fumes dissipate before starting.
- LP gas cylinders must be stored outdoors in a well-ventilated area and away from ignition sources.

2.3 Electrical Safety

- Never operate the generator in wet conditions.
- Ensure all electrical connections are secure and properly grounded.
- Use only approved extension cords that are rated for outdoor use and the generator's power output.
- Do not overload the generator.

3. SETUP

3.1 Unpacking and Assembly

Carefully remove the generator and all components from the packaging. Assembly is minimal and straightforward. Attach the wheels and handle as per the included quick-start guide or detailed assembly instructions in the full manual (if provided separately).

3.2 Adding Engine Oil

Before first use, the engine must be filled with the appropriate amount and type of oil. Refer to the oil fill cap or the engine section of the full manual for specific oil recommendations and capacity. Use a funnel to prevent spills.

3.3 Fueling the Generator

The GP7500E is a dual-fuel generator, capable of running on either gasoline or LP gas.

- **Gasoline:** Ensure the generator is off and cool. Fill the 7.9-gallon fuel tank with fresh, unleaded gasoline. Do not overfill.
- **LP Gas:** Connect a standard 20lb (or larger) LP gas cylinder to the generator's LP connection hose. Ensure all connections are tight and leak-free.

4. OPERATING INSTRUCTIONS

4.1 Starting the Generator

The GP7500E offers both electric start and a backup pull start.

1. Ensure the generator is on a level, outdoor surface, away from any structures.
2. Select your desired fuel type (Gasoline or LP Gas) using the Dual Fuel Dial.
3. **Electric Start:** Insert the key and turn it to the 'START' position. The engine should fire up.
4. **Pull Start (Backup):** If the electric start battery is low or dead, use the pull cord. Ensure the choke is set correctly for cold starts.
5. Allow the engine to warm up for a few minutes before connecting electrical loads.

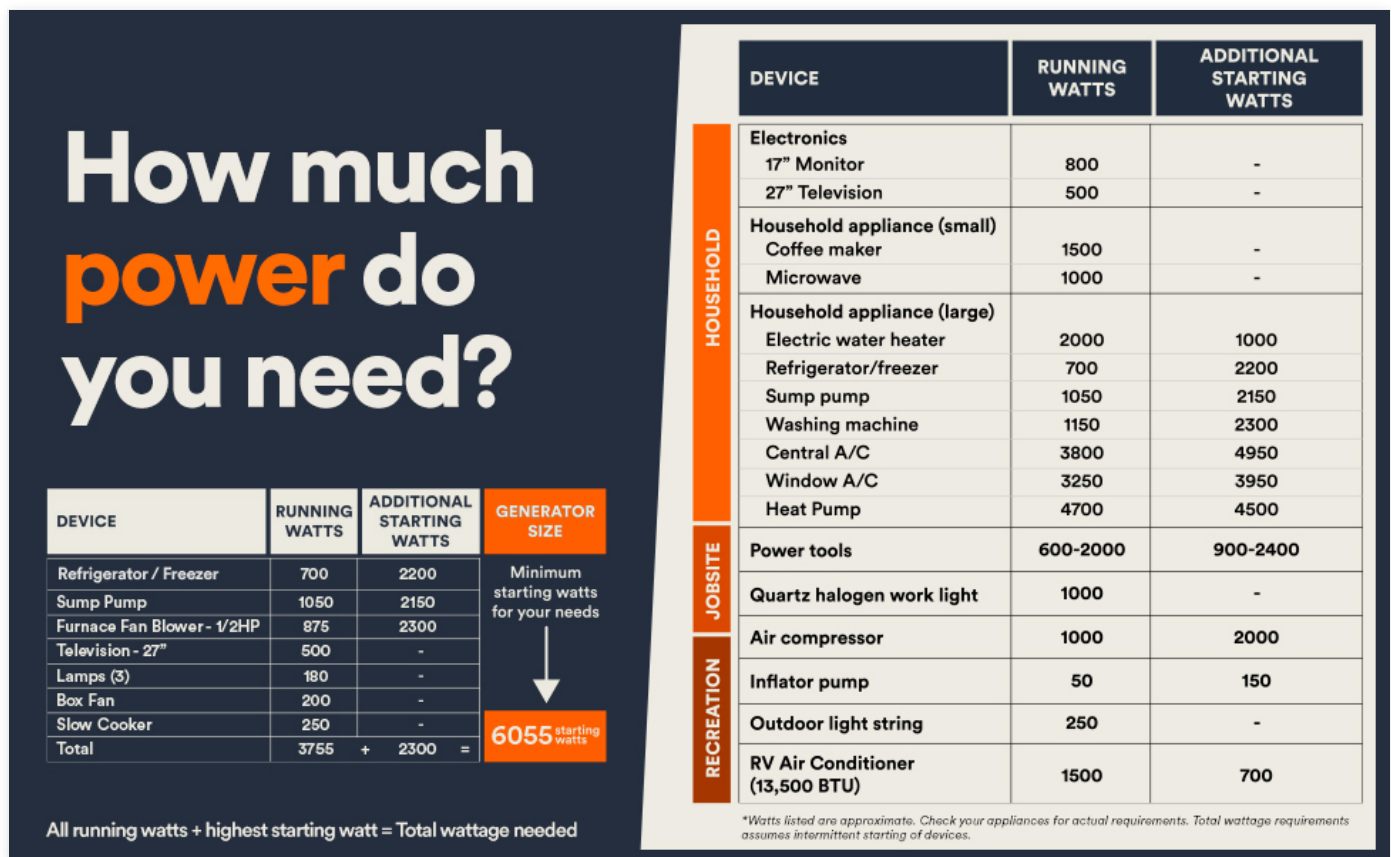


Figure 4.1: Dual Fuel functionality for gasoline and propane

4.2 Connecting Electrical Loads

The generator features multiple outlets for various power needs:

- **120V AC Outlets:** For standard household appliances and tools.
- **240V AC Twist Lock Outlet:** For higher power demands or connecting to a transfer switch (professional installation recommended).

Connect appliances one at a time, starting with the highest wattage items. Do not exceed the generator's running wattage capacity.

4.3 Shutting Down the Generator

To shut down the generator, first disconnect all electrical loads. Allow the generator to run for a few minutes without load to cool down, then turn the ignition key to the 'OFF' position. If using LP gas, also close the valve on the LP cylinder.

5. MAINTENANCE

Regular maintenance is crucial for the longevity and optimal performance of your Generac GP7500E generator. The integrated hour meter helps track maintenance intervals.

5.1 Engine Oil

- Check oil level before each use.
- Change engine oil after the first 20 hours of operation, then every 50-100 hours or annually, whichever comes first.
- The low-oil level shutdown feature automatically protects the engine from damage.

5.2 Air Filter

Inspect and clean the air filter regularly, especially in dusty conditions. Replace if damaged.

5.3 Spark Plug

Inspect the spark plug annually or every 100 hours. Clean or replace as needed to ensure reliable starting and efficient operation.

5.4 Storage

For extended storage, drain the gasoline fuel system or add a fuel stabilizer. Disconnect the LP gas cylinder. Store the generator in a clean, dry place.

6. TROUBLESHOOTING

This section provides solutions to common operational issues. For problems not listed here, contact Generac customer support.

| Problem | Possible Cause | Solution |
|-----------------------|---|---|
| Generator won't start | No fuel, low oil, stale fuel, spark plug issue, battery dead (electric start) | Check fuel level/type, add oil, use fresh fuel, inspect/replace spark plug, charge/replace battery, use pull start. |
| No power output | Circuit breaker tripped, overloaded, faulty connection | Reset circuit breakers, reduce load, check connections. |
| Engine runs rough | Stale fuel, dirty air filter, spark plug issue | Use fresh fuel, clean/replace air filter, inspect/replace spark plug. |
| COsense® shutdown | Carbon monoxide buildup in operating area | Move generator to a well-ventilated outdoor area. Allow area to clear before restarting. |

7. SPECIFICATIONS

| Feature | Detail |
|----------------------------|---|
| Brand | Generac |
| Model Name | GP7500E (Model 8011) |
| Running Wattage | 7,500 Watts (Gas) |
| Starting Wattage | 9,400 Watts (Gas) |
| Fuel Type | Gasoline and Liquefied Petroleum Gas (LP) |
| Engine Type | 420cc Generac® OHV Engine, 4-Stroke |
| Fuel Tank Volume | 7.9 Gallons |
| Runtime (Gasoline) | Up to 10 hours at 50% load |
| Item Weight | 229 Pounds |
| Product Dimensions (LxWxH) | 27.1"L x 27"W x 27.1"H |
| Special Features | Electric Start, COsense® Technology, PowerRush™ Advanced Technology, Hour Meter |

| Feature | Detail |
|---------------------|-------------------------------|
| Total Power Outlets | 6 (including 240V Twist Lock) |



27"

27.1"

27.1"

Wattage
Starting 9400W
Running 7500W

204 LBS
Durable
steel frame

Figure 7.1: Dimensions and power output details



Figure 7.2: Example wattage requirements for common devices



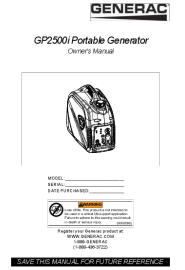

8. WARRANTY AND SUPPORT

Generac stands behind the quality of its products. For detailed warranty information, please refer to the warranty card included with your generator or visit the official Generac website. For technical support, parts, or service, please contact Generac customer service directly.

Generac Customer Service: www.generac.com/support

© 2024 Generac Power Systems, Inc. All rights reserved.

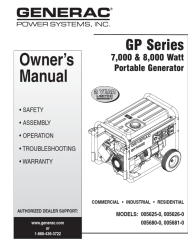
Related Documents - 8011

| | |
|---|---|
|  | <p>Generac GP7500E DF Portable Generator: Dual Fuel, COsense Technology, 7500 Watts</p> <p>Explore the Generac GP7500E DF portable generator. Features dual fuel capability (gasoline/propane), COsense carbon monoxide detection, electric start, PowerRush technology, and 7500 starting watts. Includes detailed specifications, dimensions, and features for reliable power generation.</p> |
|  | <p>Generac GP3300i GP Series Inverter Generator: Features, Specifications, and Control Panel</p> <p>Explore the Generac GP3300i GP Series Inverter Generator, highlighting its advanced features like COsense® Technology and PowerRush™™, detailed specifications, and control panel layout. Learn about its clean power output, portability, and parallel capabilities.</p> |
|  | <p>Generac GP2500i Portable Generator Owner's Manual</p> <p>Comprehensive owner's manual for the Generac GP2500i Portable Generator, covering safety, operation, maintenance, and troubleshooting. Learn how to safely operate and maintain your generator for optimal performance.</p> |
|  | <p>Generac QuietSource Series QT027 27 kW Standby Generator Specifications & Installation</p> <p>Detailed specifications, features, operating data, and installation layout for the Generac QuietSource Series QT027 27 kW standby generator. Learn about its liquid-cooled engine, advanced controls, and accessories.</p> |



[Generac Home Standby Generators: Your Guide to Power Outage Protection](#)

Learn how Generac automatic home standby generators protect your home 24/7 from power outages caused by storms and grid failures. Explore features, benefits, fuel options, and installation.



[Generac GP Series Portable Generator Owner's Manual - Safety, Operation, Maintenance](#)

Comprehensive owner's manual for Generac GP Series 7,000 & 8,000 Watt portable generators. Covers safety, assembly, operation, maintenance, troubleshooting, and warranty information.