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**Generac 8011**

# Generac GP7500E Dual-Fuel Portable Generator

## INSTRUCTION MANUAL

### **1. INTRODUCTION**

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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

**GENERAC**

**Power.  
Where you  
need it.**



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



• **PowerRush™**  
40% more starting capacity

• **Electric Start**  
Provides reliable, hassle free start-up

• **COSENSE™ Technology**  
Protection against carbon monoxide

Dual fuel

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

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### 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

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### 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.

# How much power do you need?

DEVICE	RUNNING WATTS	ADDITIONAL STARTING WATTS	GENERATOR SIZE
Refrigerator / Freezer	700	2200	
Sump Pump	1050	2150	
Furnace Fan Blower - 1/2HP	875	2300	
Television - 27"	500	-	
Lamps (3)	180	-	
Box Fan	200	-	
Slow Cooker	250	-	
Total	3755	+ 2300 =	6055 starting watts

All running watts + highest starting watt = Total wattage needed

DEVICE	RUNNING WATTS	ADDITIONAL STARTING WATTS
Electronics		
17" Monitor	800	-
27" Television	500	-
Household appliance (small)		
Coffee maker	1500	-
Microwave	1000	-
Household appliance (large)		
Electric water heater	2000	1000
Refrigerator/freezer	700	2200
Sump pump	1050	2150
Washing machine	1150	2300
Central A/C	3800	4950
Window A/C	3250	3950
Heat Pump	4700	4500
Power tools	600-2000	900-2400
Quartz halogen work light	1000	-
Air compressor	1000	2000
Inflator pump	50	150
Outdoor light string	250	-
RV Air Conditioner (13,500 BTU)	1500	700

\*Watts listed are approximate. Check your appliances for actual requirements. Total wattage requirements assumes intermittent starting of devices.

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

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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

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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)



Figure 7.1: Dimensions and power output details



Figure 7.2: Example wattage requirements for common devices

## 8. WARRANTY AND SUPPORT

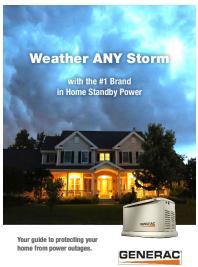
Generac stands behind the quality of its products. For detailed warranty information, please refer to the warranty card included with your generator or visit the official Generac website. For technical support, parts, or service, please contact Generac customer service directly.

**Generac Customer Service:** [www.generac.com/support](http://www.generac.com/support)

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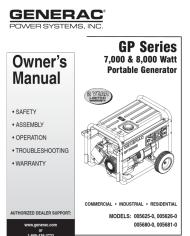
### Related Documents - 8011

	<p><a href="#"><u>Generac GP7500E DF Portable Generator: Dual Fuel, COsense Technology, 7500 Watts</u></a></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><a href="#"><u>Generac GP3300i GP Series Inverter Generator: Features, Specifications, and Control Panel</u></a></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><a href="#"><u>Generac GP2500i Portable Generator Owner's Manual</u></a></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><a href="#"><u>Generac QuietSource Series QT027 27 kW Standby Generator   Specifications &amp; Installation</u></a></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.