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- > WEN 4,750-Watt 120V/240V Dual Fuel Portable Generator with Wheel Kit and Electric Start (DF475T) User Manual

#### **WEN DF475T**

# WEN 4,750-Watt Dual Fuel Portable Generator (DF475T) User Manual

Model: DF475T

## 1. Introduction

The WEN DF475T is a versatile 4,750-watt dual fuel portable generator designed to provide reliable power using either gasoline or liquefied petroleum gas (LPG). This manual provides essential information for the safe and efficient operation and maintenance of your generator.

## **Key Features:**

- Dual fuel capability: Easily switch between gasoline (4750 surge watts, 3800 running watts) and propane (4350 surge watts, 3500 running watts).
- Electric start: Conveniently power the 224cc 4-stroke OHV engine with the turn of a key.
- Voltage selection: Switch between 120V and 240V for various applications, including transfer switches and emergency backup.
- Extended runtime: A 4-gallon fuel tank provides up to 11 hours of half-load runtime on gasoline.
- Multiple outlets: Includes two 120V GFCI outlets (5-20R), a 120V/240V NEMA 30A twist lock (L14-30R), and a 12V DC cigarette-lighter-style plug.
- Portability: Equipped with a wheel and handle kit for easy transportation.

## 2. SAFETY INFORMATION

Always operate the generator in a well-ventilated area to prevent carbon monoxide poisoning. Do not operate indoors or in enclosed spaces. Keep children and pets away from the generator during operation. Ensure the generator is properly grounded before use. Read and understand all safety warnings and instructions in the full manual before operating.

## 3. PACKAGE CONTENTS

Verify that all items are present upon unpacking:

- WEN DF475T Dual Fuel Portable Generator
- Wheel Kit (wheels, axles, hardware)
- Handle Kit (handle, mounting brackets, hardware)
- 12V Battery (for electric start)
- 47-inch LPG Connection Hose with Regulator
- Bottle of 10W-30 Engine Oil
- Spark Plug Wrench
- Funnel
- · Owner's Manual

## 4. ASSEMBLY

Before initial use, some assembly is required. Ensure the generator is on a stable, level surface during assembly.

## 4.1. Install Wheels and Handle

- 1. Attach the wheels to the generator frame using the provided axles and hardware.
- 2. Secure the handle to the generator frame using the mounting brackets and hardware.



Figure 1: Close-up of the generator's wheel. The orange wheel hub and black tire are visible, attached to the generator frame.

# 4.2. Connect Battery

The 12V battery for the electric start is included but may not be fully connected. Locate the battery and ensure the negative cable is securely attached. Refer to the quick start guide for detailed instructions.



Figure 2: The generator's control panel with various outlets and switches, and the 12V battery with red and black cables connected.

For a visual guide on unpacking and initial setup, refer to the video below:

Video 1: Unboxing and initial setup of the WEN 4750 Watt Dual Fuel Portable Generator, demonstrating wheel kit installation and battery connection.

## 5. SETUP

## 5.1. Add Engine Oil

Before starting, ensure the engine oil reservoir is filled to the appropriate level. Use the provided 10W-30 engine oil and funnel. Do not overfill.

## **5.2. Fuel Selection (Gasoline or Propane)**

The generator operates on either gasoline or propane. Select your desired fuel source using the fuel switch dial on the control panel.

- For Gasoline: Fill the 4-gallon fuel tank with fresh, unleaded gasoline.
- For Propane: Connect the 47-inch LPG connection hose to a propane tank and then to the generator's propane inlet.



Figure 3: The WEN DF475T generator with a propane tank connected via a hose, illustrating the dual fuel capability.

## 6. OPERATING INSTRUCTIONS

## 6.1. Starting the Generator

- 1. Ensure all electrical devices are disconnected from the generator.
- 2. Select your desired fuel source (Gasoline or Propane).
- 3. Turn the fuel valve to the ON position.
- 4. Move the choke lever to the CLOSE position.
- 5. Insert the key into the engine switch and turn it to the START position for 2-3 seconds.
- 6. Once the engine starts, slowly move the choke lever to the OPEN position.
- 7. Allow the generator to run for a few minutes before connecting devices.

## 6.2. Connecting Electrical Devices

Once the generator is running stably, you can connect your electrical devices to the appropriate outlets. The generator features:

- Two 120V GFCI outlets (5-20R)
- One 120V/240V NEMA 30A twist lock (L14-30R)
- One 12V DC cigarette-lighter-style plug

Use the voltage selector switch to choose between 120V and 240V as needed. Ensure the main circuit breakers are in the ON position.



Figure 4: The WEN DF475T generator, showcasing its robust frame, engine, and the accessible control panel with various outlets and switches.

## 7. MAINTENANCE

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

- Oil Changes: Check engine oil before each use and change regularly according to the manual's schedule.
- Fuel Storage: If storing the generator for extended periods, drain the gasoline or run the engine until the fuel tank is empty to prevent stale fuel issues. Propane does not degrade over time.
- Air Filter: Inspect and clean the air filter regularly.
- Spark Plug: Check and clean or replace the spark plug as needed.

## 8. TROUBLESHOOTING

Here are some common issues and potential solutions:

- **Generator will not start:** Check fuel level, ensure fuel valve is open, choke position is correct, and battery is connected and charged.
- **No power output:** Ensure all circuit breakers are in the ON position. If using 240V, note that 120V outlets may be disconnected.
- Battery not holding charge: The included 12V battery may require periodic charging, especially after extended storage. Consider a separate 12V battery charger if needed.
- **Missing hardware/parts:** If any components are missing upon delivery, contact WEN customer support immediately.

## 9. SPECIFICATIONS

Feature	Specification
Brand	WEN
Model Number	DF475T
Starting Wattage	4750 Watts
Running Wattage (Gasoline)	3800 Watts
Running Wattage (Propane)	3500 Watts
Fuel Type	Gasoline, Liquefied Petroleum Gas
Engine Displacement	224 Cubic Centimeters
Tank Volume	4 Gallons
Voltage	120 Volts / 240 Volts
Ignition System Type	Electric Start
Item Weight	105.8 Pounds
Product Dimensions	23.2"L x 17.5"W x 18.5"H

## 10. WARRANTY AND SUPPORT

The WEN DF475T generator comes with a **2-year warranty**. For technical assistance, parts, or warranty claims, please contact WEN customer support. Refer to the owner's manual for detailed contact information.

#### **Related Documents - DF475T**



#### WEN DF680iX 6800-Watt Dual Fuel Inverter Generator Instruction Manual

Comprehensive instruction manual for the WEN DF680iX 6800-Watt Dual Fuel Inverter Generator. Covers safety, setup, operation, maintenance, and troubleshooting. Visit WENPRODUCTS.COM for more information.



#### WEN DF480iX 4800-Watt Dual Fuel Inverter Generator Instruction Manual

This manual provides essential information for the safe operation, maintenance, and troubleshooting of the WEN DF480iX 4800-Watt Dual Fuel Inverter Generator. Learn about safety features, specifications, and how to get the most out of your generator.



#### WEN DF680iX 6800-Watt Dual Fuel Inverter Generator Instruction Manual

Comprehensive instruction manual for the WEN DF680iX 6800-Watt Dual Fuel Inverter Generator, covering safety, operation, maintenance, and specifications.



#### WEN DF680iX 6800-Watt Dual Fuel Inverter Generator Instruction Manual

This manual provides comprehensive instructions for the WEN DF680iX 6800-Watt Dual Fuel Inverter Generator, covering safety, operation, maintenance, and troubleshooting. Learn how to safely set up, use, and maintain your generator for optimal performance and longevity.



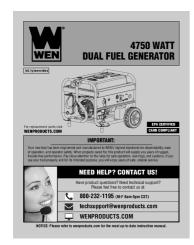
### WEN DF680iX 6800-Watt Dual Fuel Inverter Generator Instruction Manual

This comprehensive instruction manual for the WEN DF680iX 6800-Watt Dual Fuel Inverter Generator provides essential information on safe operation, preparation, usage, maintenance, and troubleshooting. Learn how to maximize the lifespan and performance of your generator.



#### WEN DF480iX 4800-Watt Dual Fuel Inverter Generator: User Manual & Safety Guide

This instruction manual provides essential information for the WEN DF480iX 4800-Watt Dual Fuel Inverter Generator, covering setup, operation, maintenance, and safety guidelines for reliable power generation.

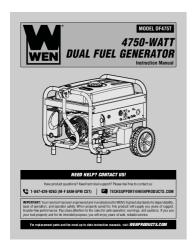


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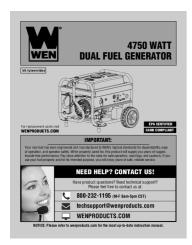
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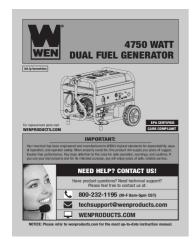


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#### Portable Generators Eligible for \$200/\$600 Rebates

A comprehensive list of portable generators from various manufacturers that qualify for \$200 and \$600 rebates, including model numbers, fuel types, and rebate period details.

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