

## Champion Power Equipment 100165

# Champion Power Equipment 100165 9375/7500-Watt Dual Fuel Portable Generator Instruction Manual

Model: 100165

## INTRODUCTION

This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your Champion Power Equipment 100165 9375/7500-Watt Dual Fuel Portable Generator. This generator is designed for versatility and convenience, capable of operating on either gasoline or propane. It features an electric start, Cold Start Technology for reliable starting in cold weather, and an Intelligauge to monitor key operational parameters.



*Image: The Champion Power Equipment 100165 Dual Fuel Portable Generator, showcasing its robust design and control panel.*

## SAFETY INFORMATION

Always operate the generator outdoors in a well-ventilated area, far from windows, doors, and vents. Carbon monoxide is a colorless, odorless gas that can be fatal. Never operate the generator indoors, in a garage, or in any enclosed space. Ensure proper grounding of the generator before operation to prevent electrical shock.

For more tips on portable generator safety, visit [TakeYourGeneratorOutside.com](http://TakeYourGeneratorOutside.com).

*Video: An informational video discussing generator noise levels and emphasizing carbon monoxide safety. Always operate generators outdoors.*

## SETUP

### 1. Unpacking and Assembly

Carefully remove the generator from its packaging. Attach the wheels and the foldaway U-shaped handle as per the instructions in the included assembly guide. The never-flat tires and handle facilitate easy transport.

### 2. Adding Oil

The unit includes 1.2-quarts of 10W-30 oil. Locate the oil fill cap/dipstick, remove it, and carefully pour the oil into the engine. Do not overfill. The generator is equipped with a low oil shut-off sensor to protect the engine.

### 3. Fueling

Your dual-fuel generator can operate on either gasoline or propane. Ensure the generator is off and cooled before adding fuel.

- Gasoline:** Fill the 6.1-gallon fuel tank with fresh, unleaded gasoline. Do not overfill.
- Propane:** Connect the included 3.3-foot propane hose with a built-in regulator to a 20-pound propane tank and to the generator's propane inlet.



*Image: The generator positioned with a gasoline can and a propane tank, illustrating its dual-fuel capability.*

#### 4. Battery Connection

For electric start functionality, ensure the included battery is properly connected. Refer to the detailed instructions in your owner's manual for correct battery connection procedures.

### OPERATING INSTRUCTIONS

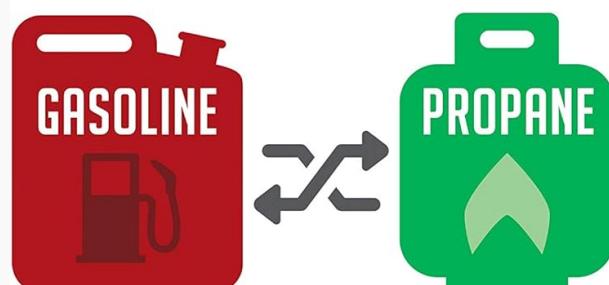
#### 1. Starting the Generator

The generator features a convenient electric start with Cold Start Technology for quick starts in cold weather. A manual pull start is also available as a backup.

- **Electric Start:** Ensure the fuel selector is set to the desired fuel type (gasoline or propane). Turn the engine switch to the 'ON' position. Press and hold the electric start button until the engine starts.
- **Manual Start:** If the electric start battery is low or for manual preference, use the pull cord.

#### 2. Fuel Selection

Use the patented fuel selector switch to easily switch between gasoline and propane. This allows for safe transitions between fuel sources during operation.



Run this generator on  
**GAS** or **PROPANE**  
straight out of the box!

*Image: Close-up of the generator's control panel highlighting the dual-fuel selector switch.*

### 3. Monitoring Power Output

The Intelligauge allows you to easily monitor power output and track maintenance intervals. It displays voltage, hertz, and run-time hours.



*Image: Detailed view of the generator's control panel, showing the Intelligauge display and various outlets.*

### 4. Connecting Loads

The generator provides multiple outlets for various power needs:

- One 120V 30A locking outlet (L5-30R)
- One 120/240V 30A locking outlet (L14-30R)
- Four 120V 20A GFCI protected household outlets (5-20R)

The Volt Guard built-in surge protector prevents overloads and keeps your equipment safe.



*Image: The generator in use at a construction site, powering various tools.*

## 5. Shutting Down

To shut down the generator, first disconnect all loads. Allow the generator to run for a few minutes without load to cool down. Then, turn the engine switch to the 'OFF' position.

## MAINTENANCE

Regular maintenance is crucial for the longevity and optimal performance of your generator. Always refer to your owner's manual for a detailed maintenance schedule.

- **Oil Changes:** Change the engine oil after the first 5 hours of operation, then every 50 hours or annually thereafter.
- **Air Filter:** Inspect and clean the air filter regularly. Replace if damaged.
- **Spark Plug:** Inspect and clean the spark plug periodically. Replace if worn.
- **Storage:** For long-term storage, ensure the fuel tank is empty (run until dry for gasoline) and the battery switch is turned off to prevent drain.

*Video: Instructions on how to properly prepare a generator for storage and remove it from storage.*

## TROUBLESHOOTING

If your generator encounters issues, consult the troubleshooting section of your comprehensive owner's manual. Common issues may include starting difficulties, power output problems, or unusual noises. Always ensure proper fuel levels, oil levels, and clean air filters before troubleshooting.

## SPECIFICATIONS

Feature	Specification
Brand	Champion Power Equipment
Model Name	9375/7500-Watt Dual Fuel Portable Generator
Starting Wattage (Gasoline)	9375 Watts
Running Wattage (Gasoline)	7500 Watts
Starting Wattage (Propane)	8400 Watts
Running Wattage (Propane)	6750 Watts
Fuel Type	Gasoline, Propane (LPG)
Engine Type	4 Stroke, 439cc
Tank Volume	6.1 Gallons
Run Time (Gasoline, 50% load)	8 hours
Run Time (Propane, 50% load)	5.5 hours (with 20-pound tank)
Noise Level	74 dBA (from 23 feet)
Outlets	1x 120V 30A (L5-30R), 1x 120/240V 30A (L14-30R), 4x 120V 20A GFCI (5-20R)
Dimensions (L x W x H)	28.7" x 27.8" x 26.4"
Item Weight	202.4 Pounds



*Image: The generator with its key dimensions (length, width, height) indicated.*

## **WARRANTY AND SUPPORT**

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Your Champion Power Equipment 100165 generator comes with a 3-year limited warranty. Additionally, you receive FREE lifetime technical support from dedicated experts. For assistance, please contact Champion Support.

*Video: A general guide from Champion Power Equipment on how to select a generator, providing useful context for understanding generator capabilities.*