Saved from manuals.plus.
Open the live page for links to other documents and user manuals.

Champion Power Equipment 201323

Champion Power Equipment 2500-Watt Dual Fuel Portable Inverter Generator

Model: 201323

Introduction

The Champion Power Equipment 2500-Watt Dual Fuel Portable Inverter Generator is designed to provide reliable and clean power for various applications, from camping and tailgating to emergency backup. Its dual fuel capability allows operation on either gasoline or propane, offering enhanced flexibility. Featuring quiet technology and a CO Shield carbon monoxide auto shutoff system, this generator prioritizes both performance and safety.

Safety Information

WARNING: Carbon Monoxide Hazard
Generators produce carbon monoxide (CO), an odorless, colorless, and poisonous gas. Using a generator indoors CAN KILL YOU IN MINUTES. CO Shield is an automatic shut-off system that will shut down the engine before dangerous levels of carbon monoxide have the chance to accumulate in your generator's operating area. Always operate the generator outdoors in a well-ventilated area, far away from windows, doors, and vents. Never operate the generator inside any building, including a garage, shed, or tent.
Always read and understand the complete operator's manual before operating this product.

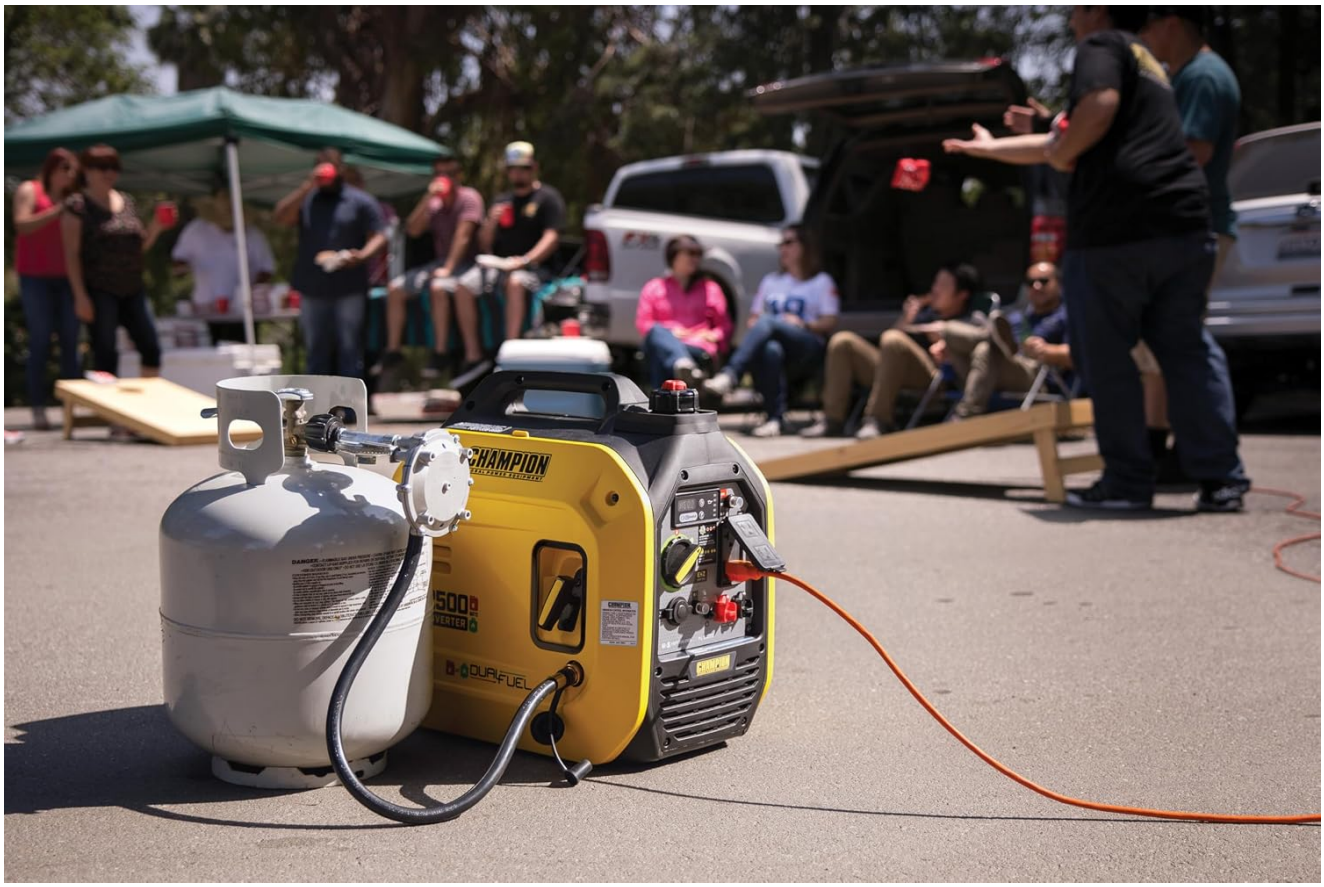


Image: The CO Shield feature, an automatic shut-off system for carbon monoxide safety.

Setup

Unboxing and Initial Preparation

Carefully remove the generator from its packaging. Ensure all components and accessories are present. The unit is designed for easy portability, weighing approximately 43.2 pounds.



Image: Front view of the Champion 2500-Watt Dual Fuel Portable Inverter Generator.

Adding Engine Oil

Before first use, add the recommended engine oil (10W-30) to the generator. A funnel is typically included to assist with this process. Refer to the oil fill cap and dipstick for proper oil level.

Fueling the Generator

This generator is dual fuel capable, meaning it can operate on either gasoline or propane.

- **Gasoline:** Fill the fuel tank with unleaded gasoline. The tank volume is 2.3 gallons.
- **Propane (LPG):** Connect the included propane (LPG) hose to a standard propane tank and to the generator's propane inlet.



Image: The Champion generator connected to a propane tank, demonstrating its dual fuel capability.

Operating Instructions

Starting the Generator

The generator features an EZ Start Dial for simplified engine start-up. Follow the steps indicated on the control panel for starting on either gasoline or propane.



Image: Detailed view of the generator's control panel, highlighting the EZ Start Dial and various indicators.

Economy Mode

Engage the Economy Mode for quieter operation, extended engine life, and improved fuel economy when the electrical load is reduced. This feature automatically adjusts engine speed to match power demand.

Connecting Electrical Equipment

The generator includes a covered 120V 15.4A household duplex outlet (NEMA 5-20R) and a 12V regulated automotive-style outlet. Ensure that the total wattage of connected devices does not exceed the running wattage of the generator (1850 watts on gasoline, 1665 watts on propane).



Image: Key features of the generator, including dual fuel capability, EZ Start, covered outlets, and ultra-quiet operation.

Parallel Operation

For increased power output, this inverter is parallel-ready. An optional, sold-separately parallel kit allows you to connect this unit with another Parallel Ready Champion Inverter or Power Station. This enables higher wattage applications, such as powering an RV with 30 amps.



Image: Two Champion generators connected in parallel, providing increased power for an RV.

Official Product Video

Your browser does not support the video tag.

Video: An official product video from Champion Power Equipment showcasing the 2500-Watt Dual Fuel Portable Inverter Generator with CO Shield, highlighting its features and ease of use.

Maintenance

Regular maintenance is crucial for the longevity and optimal performance of your generator. Key maintenance tasks include:

- **Oil Changes:** Perform the initial oil change after the first hour of operation, and subsequent changes as recommended in the operator's manual.
- **Air Filter Inspection:** Regularly check and clean or replace the air filter to ensure proper engine function.

- **Spark Plug Maintenance:** Inspect and clean or replace the spark plug as needed.
- **Fuel System Care:** For gasoline operation, use fresh fuel and consider a fuel stabilizer if storing the generator for extended periods. For propane, ensure connections are secure and free of leaks.

Troubleshooting

If you encounter issues with your Champion generator, consider the following common troubleshooting steps:

- **Generator Not Starting:**
  - Ensure sufficient fuel (gasoline or propane) is present and the fuel valve is open.
  - Check the oil level; low oil will prevent starting.
  - Verify the choke setting is correct for starting.
  - Inspect the spark plug for fouling or damage.
  - If using propane, ensure the propane tank valve is fully open and the hose is securely connected.
- **CO Shield Activation:** If the CO Shield system activates and shuts down the generator, immediately move the unit to a well-ventilated outdoor area. Allow it to cool down before attempting to restart. Do not operate in enclosed spaces.
- **No Power Output:** Check circuit breakers on the control panel. Ensure all connections are secure.

For persistent issues, refer to the detailed troubleshooting guide in your operator's manual or contact customer support.

Specifications

Feature	Specification
Brand	Champion Power Equipment
Model Name	2500-Watt Ultralight Portable Dual Fuel Inverter Generator with CO Shield
Starting Wattage	2500 Watts
Running Wattage (Gasoline)	1850 Watts
Running Wattage (Propane)	1665 Watts
Fuel Type	Gasoline, Propane
Run Time (Gasoline)	Up to 11.5 hours
Run Time (Propane)	Up to 25 hours
Noise Level	53 dBA (from 23 feet)

Item Weight	43.2 Pounds
Product Dimensions	17.6"L x 12.8"W x 18.1"H
Engine Displacement	79 Cubic Centimeters
Outlets	120V 15.4A Household Duplex, 12V Regulated Automotive-Style

Warranty and Support

The Champion Power Equipment 2500-Watt Dual Fuel Portable Inverter Generator includes a 3-year limited warranty. Additionally, FREE lifetime technical support is available from dedicated experts. For assistance, please refer to the contact information provided in your product's official documentation or visit the Champion Power Equipment website.



Image: Champion Power Equipment branding and warranty details.

© 2024 Champion Power Equipment. All rights reserved.
For more information, visit championpowerequipment.com

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

Open the live page

https://manuals.plus/asin/B0CRLWJSSX

More documents and user manuals: **https://manuals.plus/**