Champion Power Equipment 201183

Champion Power Equipment 2500-Watt Dual Fuel Ultralight Portable Inverter Generator

Model: 201183

Product Overview

The Champion Power Equipment 201183 2500-Watt Portable Dual Fuel Inverter Generator with CO Shield® is designed for versatility and portability. Weighing only 39 pounds, it is one of the lightest 2500-watt inverters available, making it ideal for various applications from camping to home backup. Its dual-fuel capability allows operation on either gasoline or propane, providing flexible power options.



The Champion 2500-Watt Dual Fuel Inverter Generator, showcasing its compact and portable design.

Setup Instructions

Before initial use, ensure the generator is properly set up according to these steps:

1. **Unpack and Inspect:** Carefully remove all components from the packaging. Inspect for any damage during transit.
2. **Add Engine Oil:** The generator is shipped without engine oil. Add the provided 10W-30 oil to the engine crankcase. The oil capacity is 0.5 quarts. Use the included funnel for easy pouring.



Included accessories such as the oil funnel and engine oil for initial setup.

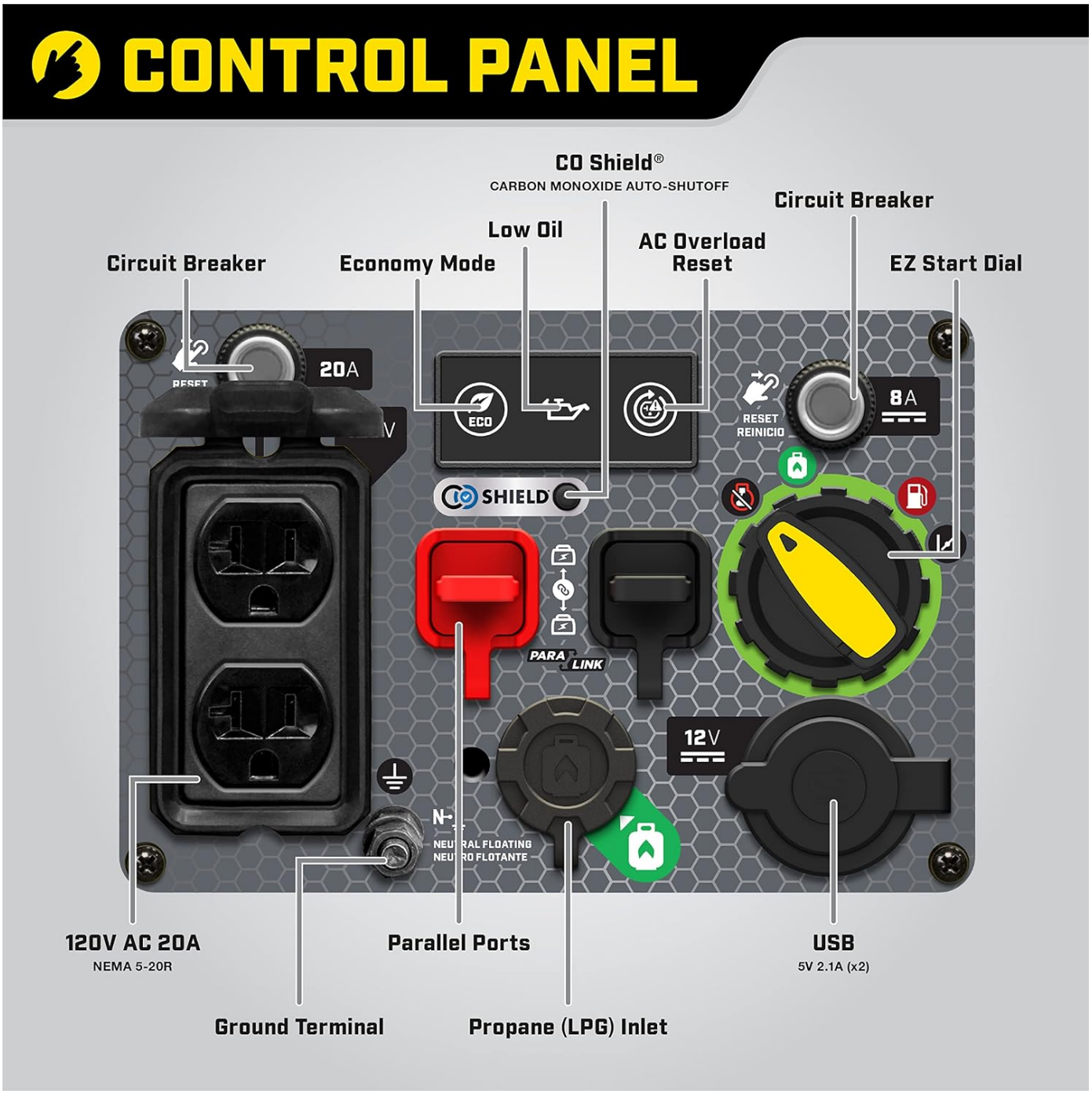
3. **Position the Generator:** Always operate the generator outdoors in a well-ventilated area, far away from occupied buildings. Ensure the exhaust is pointed away from people and structures.
4. **Connect Fuel Source:** The generator supports both gasoline and propane.
    - **For Gasoline:** Fill the 1.1-gallon fuel tank with unleaded gasoline. Ensure the fuel cap vent lever is in the 'ON' position.
    - **For Propane:** Connect the provided propane (LPG) hose and regulator to a 20-pound propane tank and to the generator's propane inlet.



Diagram illustrating the dual fuel capability of the generator.

Operating Instructions

The EZ Start Dial simplifies the starting process. Always ensure no electrical devices are plugged into the generator before starting or stopping.



Detailed view of the generator's control panel, showing outlets, switches, and indicators.

1. **Starting the Engine:**
    - **For Gasoline Operation:** Turn the EZ Start Dial to the 'GASOLINE RUN' position. Pull the recoil cord to start the engine.
    - **For Propane Operation:** Turn the EZ Start Dial to the 'CHOKE' position. Pull the recoil cord 3-5 times to prime the engine. Then, turn the EZ Start Dial to the 'PROPANE RUN' position and pull the recoil cord to start the engine.



Close-up of the EZ Start Dial for selecting fuel type and choke.

2. **Connecting Electrical Loads:** Once the engine is running smoothly, you can plug in your electrical devices. The generator provides clean power (<3% THD) suitable for sensitive electronics.
3. **CO Shield Technology:** This generator is equipped with CO Shield technology, which monitors carbon monoxide (CO) levels. If unsafe elevated levels of CO gas are detected, the engine will automatically shut off. This is a safety feature and not a substitute for proper outdoor ventilation.



Visual representation of the CO Shield Carbon Monoxide Auto-Shutoff feature.

4. **Economy Mode:** Activate Economy Mode to reduce engine speed, noise, and fuel consumption when electrical load

is low.

Maintenance

Regular maintenance ensures optimal performance and longevity of your generator. Always refer to the full user manual for detailed maintenance schedules and procedures.

- **Oil Changes:** Change the engine oil after the first 5 hours of operation, and then every 50 hours or annually thereafter.
- **Air Filter:** Inspect and clean the air filter regularly, especially in dusty conditions.
- **Spark Plug:** Inspect and clean the spark plug as needed. Replace if worn.
- **Fuel System:** For gasoline, use a fuel stabilizer if storing for extended periods. For propane, ensure connections are secure and free of leaks.

Troubleshooting

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

- **Engine Not Starting:** Check fuel level, oil level, and ensure the EZ Start Dial is in the correct position (Choke for priming, then Run). Verify the spark plug is clean and properly gapped.
- **No Power Output:** Check circuit breakers on the control panel. Ensure no electrical devices are overloaded.
- **Engine Shuts Off:** This could be due to low oil, an overloaded circuit, or activation of the CO Shield. Check oil level and reduce electrical load.

For more detailed troubleshooting, please consult the full User Manual (PDF) linked in the Warranty & Support section.

Specifications

Feature	Specification
Brand	Champion Power Equipment
Model Name	2500-Watt
Item Model Number	201183
Starting Wattage	2500 Watts
Running Wattage (Gasoline)	1850 Watts
Running Wattage (Propane)	1665 Watts
Fuel Type	Gasoline, Propane
Engine Type	4 Stroke, 79cc
Oil Capacity	0.5 Quarts (10W-30)
Gasoline Tank Volume	1.1 Gallons
Run Time (Gasoline @ 25% load)	Up to 11.5 hours
Run Time (Propane @ 25% load)	Up to 34 hours
Noise Level	53 dBA (from 23 feet)

Item Weight	39 Pounds
Product Dimensions	17.3"L x 12"W x 17.7"H
Special Feature	CO Shield (Carbon Monoxide Auto-Shutoff)

Warranty & Support

Your Champion Power Equipment generator comes with a**3-year limited warranty**. Additionally, you receive **FREE lifetime technical support** from dedicated experts.

For comprehensive information, detailed instructions, and further assistance, please refer to the official User Manual (PDF).

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