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› [Pulsar](#) /

› Pulsar PG2300iS Inverter Generator User Manual

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Pulsar PG2300iS Inverter Generator User Manual

Model: PG2300iS

1. INTRODUCTION

This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your Pulsar PG2300iS Portable Inverter Generator. Please read this manual thoroughly before operating the generator to ensure proper use and to prevent injury or damage.



Figure 1: Pulsar PG2300iS Inverter Generator - Main View

The Pulsar PG2300iS is a compact and quiet gas-powered inverter generator designed for portable power needs, offering 2300 peak watts and 1800 running watts. It features multiple outlets including AC 120V, DC 12V, and a 5V USB port, making it suitable for sensitive electronics, camping, tailgating, and small 120V appliances.

2. SAFETY INFORMATION

WARNING: Carbon Monoxide Hazard

- Never operate the generator indoors or in enclosed spaces. Exhaust contains carbon monoxide, a colorless, odorless, and deadly gas.
- Operate the generator outdoors in a well-ventilated area, far away from windows, doors, and vents.
- Install battery-operated carbon monoxide alarms in your home or camper.

Fuel Safety

- Gasoline is highly flammable. Store fuel in an approved container in a well-ventilated area away from ignition sources.
- Do not refuel a hot or running engine. Allow the generator to cool before adding fuel.
- Avoid spilling fuel. If spilled, wipe it up immediately and ensure the area is dry before starting the generator.

Electrical Safety

- Do not operate the generator in wet conditions. Keep it dry and away from rain or snow.
- Ensure all electrical connections are secure and in good condition.
- Do not overload the generator. Refer to the specifications for maximum wattage.

3. SETUP AND INITIAL PREPARATION

Before first use, the generator requires initial setup, including adding engine oil and fuel.

3.1 Adding Engine Oil

1. Place the generator on a level surface.
2. Locate the oil fill cap/dipstick. This is typically found behind a side cover.



Figure 2: Front view of the Pulsar PG2300iS, showing the main control panel and handle.

3. Remove the side cover by loosening the two screws and gently popping it off.
4. Unscrew the oil fill dipstick.
5. Using the provided funnel, carefully pour the entire contents of the included motor oil into the oil reservoir. The included oil quantity is precisely measured for the generator.
6. Check the oil level with the dipstick to ensure it is at the full mark.
7. Replace the oil fill dipstick and secure the side cover.

3.2 Adding Fuel

1. Ensure the generator is turned OFF and has cooled down if previously operated.
2. Unscrew the fuel cap located on top of the generator.
3. Carefully pour fresh, unleaded gasoline into the fuel tank. Do not overfill.
4. Securely replace the fuel cap.

4. OPERATING INSTRUCTIONS

4.1 Starting the Generator

1. Ensure the generator is on a level surface outdoors and away from any combustible materials.
2. Turn the fuel valve to the ON position.
3. Move the choke lever to the CHOKE position (if the engine is cold).
4. Turn the engine switch to the RUN position.
5. Pull the recoil starter handle firmly and smoothly until the engine starts.
6. Once the engine starts, gradually move the choke lever to the RUN position.

FEATURES



SUPER LIGHT



CLEAN ELECTRICITY

Power sensitive electronics



Figure 3: Detailed view of the control panel, showing the engine switch, economy mode, and various outlets.

The control panel includes the engine switch (OFF/RUN/CHOKE), economy mode switch, 12V DC outlet, 5V USB port, and 120V AC outlets.

4.2 Connecting Devices

- Once the generator is running stably, you can plug in your electrical devices into the appropriate outlets.
- The PG2300iS provides stable sine wave power, making it safe for sensitive electronics like laptops and smartphones.

PARALLEL READY



Figure 4: The generator in use, powering various devices for outdoor activities.

- **Economy Mode:** For lighter loads, switch to Economy Mode to save fuel and reduce noise. The engine speed will adjust automatically based on the load.

DIMENSIONS



Figure 5: Key features of the generator, including its super light design, clean electricity output, recoil start, and economy mode for fuel efficiency.

- **Parallel Capability:** This generator can be connected in parallel with another compatible Pulsar inverter generator to double the power output. Refer to the parallel kit instructions for detailed setup.

FEATURES

RECOIL START



ECONOMY MODE
Save on fuel

Figure 6: Two Pulsar PG2300iS generators connected in parallel to provide increased power for larger applications like RVs.

4.3 Stopping the Generator

1. Disconnect all electrical loads from the generator.
2. Turn the engine switch to the OFF position.
3. Turn the fuel valve to the OFF position.

5. MAINTENANCE

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

5.1 Engine Oil Change

- Change the engine oil after the first 20 hours of operation, and then every 50 hours or annually, whichever comes first.
- Refer to the "Adding Engine Oil" section for the oil change procedure. Ensure the engine is warm for easier draining.

5.2 Air Filter Cleaning

- Inspect the air filter regularly and clean or replace it as needed, especially in dusty conditions.

5.3 Spark Plug Inspection

- Check the spark plug annually or every 100 hours. Clean or replace if fouled or worn.

5.4 Fuel Storage (Long-Term)

- For long-term storage (over 30 days), add a fuel stabilizer to the gasoline.
- Run the engine for a few minutes to circulate the stabilized fuel.
- Alternatively, drain all fuel from the tank and carburetor to prevent gumming.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
Engine will not start	No fuel; Low oil level; Choke not set correctly; Spark plug issue; Clogged fuel line/carburetor.	Add fuel; Add oil; Adjust choke; Inspect/clean/replace spark plug; Clean fuel system.
No power output	Overload; Circuit breaker tripped; Loose connections.	Reduce load; Reset circuit breaker; Check connections.
Engine runs rough	Stale fuel; Clogged air filter; Spark plug issue.	Drain and replace fuel; Clean/replace air filter; Inspect/clean/replace spark plug.

7. SPECIFICATIONS

Brand: Pulsar

Model Name: PG2300iS

Wattage: 2300 Peak Watts / 1800 Running Watts

Fuel Type: Gasoline

Power Source: Gas Powered

Voltage: 120 Volts

Current Rating: 15 Amps

Engine Type: 4 Stroke

Ignition System Type: Recoil Start

Tank Volume: 1.18 Gallons

Runtime: 6 hours (at 50% load)

Total Power Outlets: 3 (2x AC 120V 13A, 1x 12V 8A Cigarette, 1x 5V USB)

Item Weight: 53 Pounds

Product Dimensions: 19.7"L x 11.22"W x 17.91"H

Special Features: Lightweight, USB Port, Parallel Capability

8. WARRANTY AND SUPPORT

8.1 Warranty Information

Pulsar products typically come with a manufacturer's warranty. Please refer to the warranty card included with your product or visit the official Pulsar website for detailed warranty terms and conditions.

Extended protection plans may be available for purchase separately. For example, 3-Year and 4-Year protection plans are offered.

8.2 Customer Support

For technical assistance, parts, or service, please contact Pulsar customer support. You can often find contact information on the official Pulsar website or within the product packaging.

Additional resources:

- Official User Manual (PDF): [Download PDF](#)
- Visit the Pulsar Store: [Pulsar Store on Amazon](#)

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

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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