

Pulsar G2319N

Pulsar 2,300W Portable Gas-Powered Quiet Inverter Generator

Model: G2319N | Brand: Pulsar

INTRODUCTION

The Pulsar G2319N portable inverter generator is designed to provide reliable and clean power for various applications, from outdoor recreation to emergency backup. With its compact and lightweight design, it offers exceptional portability and quiet operation. This manual provides essential information for the safe and efficient setup, operation, maintenance, and troubleshooting of your generator.

This generator produces 2,300 peak watts and 1,800 running watts, capable of up to 4.8 hours of operation at half load on just 1.18 gallons of fuel. Its stable sine wave technology ensures pure, safe electrical power suitable for sensitive electronic devices.

KEY FEATURES

- **2,300 Peak Watts / 1,800 Running Watts:** Provides ample power for various needs.
- **Extended Run Time:** Capable of up to 4.8 hours of operation at half load on 1.18 gallons of fuel.
- **Compact & Lightweight Design:** Weighs less than 47 lbs for easy handling and transport.
- **Stable Sine Wave Technology:** Delivers pure, safe electrical power for sensitive electronics like laptops and cell phones.
- **Versatile Outlets:** Features dual 120V outlets, a 12V 'cigarette' outlet, and a direct connect USB port.
- **Parallel Capability:** Allows connection of two G2319N units for increased power output (parallel kit sold separately).
- **Quiet Operation:** Inverter technology ensures a low noise level, ideal for camping and tailgating.



The Pulsar G2319N generator is designed for easy portability, making it convenient to transport for various outdoor activities.

SETUP

Unpacking and Initial Inspection

Carefully remove the generator from its packaging. Inspect the unit for any signs of damage during shipping. Ensure all included components are present: 12V charging cable, spark plug wrench, 10W30 motor oil, and oil funnel.



Main view of the Pulsar G2319N Inverter Generator.

Adding Engine Oil

Place the generator on a level surface. Locate the oil fill cap/dipstick. Remove the cap and, using the provided oil funnel, carefully pour the 10W30 motor oil into the engine until it reaches the upper mark on the dipstick. Do not overfill.

Adding Fuel

Use only fresh, unleaded gasoline with an octane rating of 87 or higher. Locate the fuel cap on top of the generator. Slowly add gasoline to the fuel tank, being careful not to overfill. Leave a small air gap to allow for fuel expansion. Ensure the fuel cap is securely tightened before starting.



Detailed view of the Pulsar G2319N control panel, showing various outlets and switches.

Control Panel Overview

Familiarize yourself with the control panel, which includes the main switch, choke lever, economy switch, AC outlets, DC outlets, and indicator lights for oil warning, overload, and operation.

Official product video demonstrating the features and operation of the Pulsar G2319N Inverter Generator.

OPERATING INSTRUCTIONS

Starting the Generator

1. Ensure the generator is on a level surface and away from flammable materials.
2. Turn the fuel cap vent lever to the 'ON' position.
3. Turn the main switch to the 'CHOKE' position.
4. Pull the recoil starter handle firmly until the engine starts.
5. Once the engine starts, slowly move the main switch to the 'RUN' position.

Connecting Electrical Devices

Plug your electrical devices into the appropriate AC or DC outlets. Ensure the total wattage of connected devices does not exceed the generator's running wattage. For sensitive electronics, ensure the economy mode is engaged for stable power output.



The Pulsar G2319N generators provide power for recreational vehicles and outdoor activities.

Economy Mode

The economy switch allows the engine speed to automatically adjust to the load, improving fuel efficiency and reducing noise. Turn the economy switch 'ON' for lighter loads or 'OFF' for full power output.

Parallel Operation

For increased power output, two Pulsar G2319N generators can be connected in parallel using a compatible parallel kit (sold separately). Follow the instructions provided with the parallel kit for safe connection.



Connecting two Pulsar G2319N generators in parallel to double the power output.

Stopping the Generator

1. Disconnect all electrical devices.
2. Turn the main switch to the 'OFF' position.
3. Turn the fuel cap vent lever to the 'OFF' position for storage.

MAINTENANCE

Regular maintenance is crucial for the longevity and optimal performance of your generator. Always ensure the generator is turned off and cooled down before performing any maintenance.

Engine Oil Change

Change the engine oil after the first 20 hours of operation, and then every 100 hours or every 6 months, whichever comes first. Refer to the engine oil section in Setup for proper oil type and fill level.

Spark Plug Inspection/Replacement

Inspect the spark plug every 100 hours or annually. Clean or replace if necessary. Use the provided spark plug wrench for removal and installation.

Air Filter Cleaning

Check the air filter regularly and clean it more frequently in dusty conditions. A dirty air filter can reduce engine performance and increase fuel consumption.

Storage

For long-term storage, drain the fuel from the tank and carburetor, or add a fuel stabilizer. Store the generator in a clean, dry place away from direct sunlight and extreme temperatures.

TROUBLESHOOTING

If you encounter issues with your generator, refer to the table below for common problems and their solutions. If the problem persists, contact customer support.

Problem	Possible Cause	Solution
Engine will not start	No fuel or stale fuel Low engine oil Spark plug issue Choke not set correctly	Add fresh fuel Fill engine oil to proper level Clean or replace spark plug Adjust choke lever
No power output	Overload Circuit breaker tripped Loose connections	Reduce load Reset circuit breaker Check and secure connections
Engine runs, but stops	Low fuel Overload Ventilation issue	Add fuel Reduce load Ensure proper ventilation

SPECIFICATIONS

Specification	Value
Brand	Pulsar
Model Name	2,300W Portable Gas-Powered Quiet Inverter Generator With USB Outlet & Parallel Capability
Item Model Number	G2319N
Peak Wattage	2300 watts
Running Wattage	1800 watts
Fuel Type	Gasoline
Tank Volume	1.18 Gallons
Runtime (at Half Load)	4.8 hours
Voltage	120 Volts
Frequency	60 Hz
Item Weight	47 Pounds
Product Dimensions (L x W x H)	19.7"L x 11.22"W x 17.91"H
Engine Type	4 Stroke

Specification	Value
Special Feature	Portable

WARRANTY AND SUPPORT

Warranty Information

The Pulsar G2319N Inverter Generator comes with a **1-year limited warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use and service. Please retain your proof of purchase for warranty claims.

Customer Support

For technical assistance, troubleshooting, or warranty inquiries, please contact Pulsar customer support. Detailed contact information can typically be found on the manufacturer's website or on the product packaging. When contacting support, please have your generator's model number (G2319N) and serial number readily available to expedite the process.

ASK A QUESTION ABOUT THIS MANUAL

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