

Pulsar GD240N

Pulsar 2,400W Portable Gas-Powered Quiet Inverter Generator

MODEL GD240N

Brand: Pulsar

INTRODUCTION

This manual provides comprehensive instructions for the safe and efficient operation, maintenance, and troubleshooting of your Pulsar GD240N portable inverter generator. Please read this manual thoroughly before operating the generator to ensure proper usage and longevity of the product.

Key Features:

- 2400W starting watts, 1800W running watts
- Type A & Type C USB ports
- Super quiet operation
- Three-in-one switch for simplified control
- Parallel capability to combine with another unit for increased power output
- Enhanced fuel efficiency

SAFETY INFORMATION

DANGER: Carbon Monoxide Hazard

Using a generator indoors WILL KILL YOU IN MINUTES. Generator exhaust contains poisonous carbon monoxide gas that can cause unconsciousness or DEATH. Operate in well-ventilated, outdoor areas away from open windows or doors. Point exhaust away from occupied areas. Do not run generator in enclosed areas (e.g., not in house or garage). Move to fresh air and get medical help if sick, dizzy, or weak. Always ensure the generator is placed on a level surface and away from any flammable materials. Keep children and pets away from the operating unit.

PACKAGE CONTENTS

Your Pulsar GD240N generator package includes the following items:

- Pulsar GD240N Portable Inverter Generator
- Owner's Manual
- Oil Funnel
- Basic Tool Kit (screwdriver)

SETUP

Adding Engine Oil

Before starting the generator for the first time, you must add engine oil. The generator is shipped without oil.

1. Locate the oil fill cap on the side of the generator.
2. Remove the side panel by unscrewing the two screws.
3. Remove the oil fill cap/dipstick.
4. Using the provided funnel, carefully add 5W-30 engine oil until it reaches the upper mark on the dipstick. The oil capacity is approximately 0.33 - 0.35 US Quarts (11.2 oz).
5. Replace the oil fill cap and secure the side panel.





Image: Locating the oil fill cap and adding 5W-30 engine oil to the Pulsar GD240N inverter generator.

Adding Fuel

Use only fresh, unleaded gasoline with an octane rating of 87 or higher. Do not use E85 fuel.

1. Ensure the generator is on a level surface and the engine is off and cool.
2. Unscrew the fuel cap.
3. Carefully fill the fuel tank (capacity 1.18 Gallons) with gasoline, leaving a small air gap at the top to allow for fuel expansion.
4. Securely replace the fuel cap.

Controls Overview

Familiarize yourself with the control panel located on the front of the generator:

- **Engine Switch:** A three-in-one switch for OFF, RUN, and CHOKE positions.
- **Eco Mode Switch:** Activates or deactivates Eco mode for improved fuel efficiency and quieter operation under light loads.
- **AC 120V 20A Outlets:** Two standard household outlets.
- **AC 120V 30A Outlet:** For higher power demands (e.g., RVs).
- **USB Ports:** Includes Type A and Type C ports for charging electronic devices.
- **DC 12V Outlet:** For 12-volt DC appliances.
- **Circuit Breaker/Reset Button:** Resets the circuit in case of an overload.
- **Parallel Connection Ports:** Allows connection of two compatible generators for increased power.
- **Indicator Lights:** Displays status for Low Oil, Overload, and Output.



Image: Detailed view of the Pulsar GD240N control panel, showing AC outlets, USB ports, DC 12V outlet, and various switches and indicator lights.

OPERATING INSTRUCTIONS

Starting the Generator

1. Ensure the generator has sufficient oil and fuel.
2. Turn the fuel valve to the 'ON' position.
3. Move the engine switch to the 'CHOKE' position (if the engine is cold).
4. Pull the recoil starter handle firmly until the engine starts.
5. Once the engine starts, gradually move the engine switch to the 'RUN' position.
6. Allow the generator to warm up for a few minutes before connecting electrical loads.



Image: The side of the Pulsar GD240N generator showing the engine switch in the 'RUN' position.

Eco Mode

The Eco Mode switch allows the generator to adjust engine speed based on the load, optimizing fuel consumption and reducing noise levels. For light loads, switch to 'ON' for quieter and more efficient operation. For heavy loads or when starting high-demand appliances, switch to 'OFF' to ensure full power is available.

Connecting Devices

Connect your electrical devices to the appropriate outlets on the control panel. Ensure that the total wattage of connected devices does not exceed the generator's running wattage (1800W) to prevent overloading.

Parallel Operation

The Pulsar GD240N is equipped with parallel connection ports, allowing you to link two compatible Pulsar inverter generators together to double your power output. Refer to the parallel kit's instruction manual for detailed connection procedures.

MAINTENANCE

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

Engine Oil Change

Change the engine oil after the first 20 hours of use or the first month, whichever comes first. Subsequent oil changes should be performed every 100 hours or every 6 months.

1. Place a suitable container under the oil drain plug.
2. Remove the oil drain plug and the oil fill cap to allow the oil to drain completely.
3. Once drained, replace the oil drain plug.
4. Refill with fresh 5W-30 engine oil as described in the 'Adding Engine Oil' section.

Spark Plug Access

The spark plug is accessible for inspection and replacement. Remove the spark plug cover to access the spark plug. Inspect the spark plug for wear and proper gap. Replace if necessary.

Spark Arrestor

The generator is equipped with a spark arrestor, making it US Forestry approved. Regularly inspect and clean the spark arrestor to prevent carbon buildup, which can restrict exhaust flow and affect performance. Refer to the owner's manual for detailed cleaning instructions.





Image: Rear view of the Pulsar GD240N generator, highlighting the exhaust port and spark arrestor.

TROUBLESHOOTING

If your generator experiences issues, consult the following common troubleshooting tips:

Indicator Lights

- **Low Oil Light:** If illuminated, check and add engine oil. The generator may shut down automatically to prevent engine damage.
- **Overload Light:** If illuminated, the generator is overloaded. Disconnect some devices and press the reset button.
- **Output Light:** A green light indicates normal power output.

Common Issues

- **Engine will not start:** Check fuel level, oil level, spark plug, and ensure the engine switch is in the correct position.
- **No power output:** Check for tripped circuit breakers, ensure the generator is not overloaded, and verify all connections.

SPECIFICATIONS

Brand	Pulsar
Model Name	Pulsar 2,400W Portable Gas-Powered Quiet Inverter Generator With USB Outlet & Parallel Capability, GD240N
Part Number	GD240N
Starting Wattage	2400 Watts
Running Wattage	1800 Watts
Fuel Type	Gasoline
Power Source	Fuel Powered
Voltage	120 Volts
Engine Type	4 Stroke
Tank Volume	1.18 Gallons
Item Weight	30.8 Pounds
Product Dimensions	17.3"L x 9.7"W x 15.9"H
Total Power Outlets	2 (AC 120V 20A) + 1 (AC 120V 30A) + USB Type A + USB Type C + DC 12V
Special Features	Extra-Long Run Time, Fuel Efficient, Lightweight, Low Oil Shutdown, Portable

WARRANTY AND SUPPORT






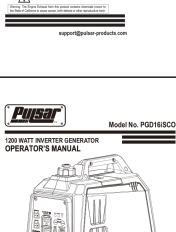
Warranty Information

This Pulsar GD240N inverter generator comes with a 2-Year Manufacturer's Warranty. Please retain your proof of purchase for warranty claims.

Customer Support

For technical assistance, warranty inquiries, or to order replacement parts, please contact Pulsar Products customer support. Refer to the official Pulsar website or your purchase documentation for contact details.

Related Documents - GD240N

 <p>Model: PG2200BiS Inverter Gasoline OPERATOR'S MANUAL</p>	<p>Pulsar PG2200BiS Inverter Gasoline Generator Operator's Manual</p> <p>Comprehensive operator's manual for the Pulsar PG2200BiS portable inverter gasoline generator, covering safety, operation, maintenance, and troubleshooting to ensure reliable performance.</p>
 <p>Model: PG2000iS PG2300iS Inverter Gasoline OPERATOR'S MANUAL</p>	<p>Pulsar PG2000iS/PG2300iS Portable Inverter Generator Operator's Manual</p> <p>This operator's manual provides essential information for the safe operation, assembly, maintenance, and troubleshooting of the Pulsar PG2000iS and PG2300iS portable inverter gasoline generators. Learn how to use your generator effectively and safely.</p>
 <p>Model: PG4500BiSRCO Inverter Generator - Gasoline OPERATOR'S MANUAL</p>	<p>Pulsar PG4500BiSRCO Inverter Generator Operator's Manual</p> <p>Operator's manual for the Pulsar PG4500BiSRCO Inverter Generator, covering safety, features, operation, maintenance, and troubleshooting for gasoline and LPG dual-fuel use.</p>
 <p>Model: PG4500iSR Inverter Generator - Gasoline OPERATOR'S MANUAL</p>	<p>Pulsar PG4500iSR Inverter Generator Operator's Manual</p> <p>Comprehensive operator's manual for the Pulsar PG4500iSR gasoline inverter generator, covering safety, features, operation, maintenance, and troubleshooting.</p>
 <p>Model: PG4500iSR Inverter Generator - Gasoline OPERATOR'S MANUAL</p>	<p>Pulsar PG4500iSR Inverter Generator Operator's Manual</p> <p>This operator's manual provides comprehensive instructions for the Pulsar PG4500iSR Inverter Generator, a portable gasoline-powered unit designed for tools, appliances, camping, lighting, and backup power. Learn about its features, safe operation, maintenance, and troubleshooting for reliable service.</p>
 <p>Model No. PGD16iSCO 1200 WATT INVERTER GENERATOR OPERATOR'S MANUAL</p>	<p>Pulsar PGD16iSCO 1200 Watt Inverter Generator Operator's Manual</p> <p>Operator's manual for the Pulsar PGD16iSCO 1200 Watt Inverter Generator, covering safe operation, maintenance, troubleshooting, and technical specifications. Contact Pulsar Support for assistance.</p>