

Pulsar PG10000B16

Pulsar PG10000B16 10,000W Dual Fuel Portable Generator User Manual

Model: PG10000B16 | Brand: Pulsar

INTRODUCTION

This manual provides comprehensive instructions for the safe and efficient operation, setup, and maintenance of your Pulsar PG10000B16 10,000W Dual Fuel Portable Generator. Please read this manual thoroughly before operating the generator to ensure proper use and to prevent injury or damage.

Key Features:

- 10,000W peak / 8,000W rated (gasoline) and 9,000W peak / 7,000W rated (LPG) power output.
- Equipped with a powerful 420cc, 4-stroke, OHV, air-cooled engine.
- Features a large 6.6-gallon fuel tank, providing up to 12 hours of continuous operation at half load on gasoline.
- Includes Switch & Go technology for seamless transitioning between LPG and gasoline fuel sources during operation.
- Electric push start with recoil backup for quick and easy startup.



Figure 1: Overview of the Pulsar PG10000B16 Dual Fuel Portable Generator.

SETUP AND ASSEMBLY

Before operating your generator, ensure it is properly assembled and prepared for use. This section outlines the initial setup steps.

1. Unpacking and Inspection:

- Carefully remove the generator from its packaging.
- Inspect for any shipping damage. Contact your retailer immediately if damage is found.
- Ensure all components listed in the packing list are present.

2. Wheel and Handle Assembly:

Attach the wheels and drop-down handles to the generator frame. This process may be easier with two people due to the unit's weight. Ensure all fasteners are securely tightened.



Figure 2: The generator with its wheels and handles attached, ready for transport.

3. Adding Engine Oil:

- Locate the oil fill cap/dipstick.
- Add the recommended engine oil (refer to the oil type and capacity in the Specifications section) until it reaches the full mark on the dipstick. Do not overfill.

4. Fuel Connection:

- **Gasoline:** Fill the fuel tank with fresh, unleaded gasoline. Do not overfill.
- **LPG:** Connect an LPG tank to the generator's LPG connection point using a suitable hose and regulator. Ensure all connections are secure and leak-free.



Figure 3: The control panel showing the fuel switch and various outlets.

5. Battery Connection:

Connect the battery cables to the battery terminals, ensuring correct polarity (red to positive, black to negative). The generator features an electric start, powered by this battery.

OPERATING INSTRUCTIONS

Follow these steps for safe and effective operation of your Pulsar Dual Fuel Generator.

1. Starting the Generator:

1. **Fuel Selection:** Use the "Switch & Go" lever on the control panel to select either **Gasoline** or **Propane (LPG)**.
2. **Choke Lever:** If starting a cold engine, move the choke lever to the "Closed" position. For a warm engine, leave it "Open".
3. **Engine Switch:** Turn the engine switch to the "ON" position.
4. **Electric Start:** Press and hold the electric start button until the engine starts.
5. **Recoil Start (Backup):** If the electric start fails or the battery is low, pull the recoil start handle firmly and smoothly until the engine starts.
6. Once the engine starts, gradually move the choke lever to the "Open" position.

2. "Switch & Go" Dual Fuel Technology:

The generator's "Switch & Go" feature allows you to seamlessly switch between gasoline and LPG fuel sources even while the generator is running. To switch fuels, simply move the fuel selector lever to the desired fuel type. This can be done without shutting down the generator, providing flexibility during extended power outages.

3. Connecting Electrical Devices:

The generator provides multiple AC outlets (120V and 120V/240V) and a DC 12V 8.3A output for battery charging. Always ensure the total wattage of connected devices does not exceed the generator's rated running wattage.

- For sensitive electronics, it is recommended to use a quality surge protector or inverter-style power strip to protect against power fluctuations.
- Ensure all devices are turned off before plugging them into the generator.
- Never overload the generator.



Figure 4: The control panel displaying the engine switch, hour meter, DC 12V 8.3A output, and multiple AC 120V and AC 120V/240V outlets.

4. Shutting Down the Generator:

1. Disconnect all electrical loads from the generator.
2. Allow the generator to run for a few minutes without load to cool down.
3. Turn the engine switch to the "OFF" position.
4. If storing for an extended period, turn off the fuel valve (for gasoline) or close the LPG tank valve.

MAINTENANCE

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

1. Engine Oil:

- Check oil level before each use.
- Change oil after the first 20 hours of operation, then every 100 hours or annually, whichever comes first.

2. Air Filter:

- Inspect the air filter every 50 hours or monthly.
- Clean or replace if dirty.

3. Spark Plug:

- Inspect and clean the spark plug every 100 hours or annually.
- Replace if worn or damaged.

4. Fuel System:

- For gasoline, use a fuel stabilizer if storing for more than 30 days.
- Drain the carburetor and fuel tank if storing for longer periods without stabilizer.
- For LPG, ensure the tank and connections are free from leaks.

5. Storage:

- Store the generator in a clean, dry, and well-ventilated area.
- Cover the generator to protect it from dust and moisture.

TROUBLESHOOTING

This section provides solutions to common operational issues. If you encounter problems not listed here, or if the suggested solutions do not resolve the issue, contact customer support.

Generator Will Not Start:

- **No Fuel:** Check gasoline level or LPG tank connection and supply.
- **Fuel Valve:** Ensure the fuel valve is in the "ON" position.
- **Choke:** Adjust the choke lever as appropriate for a cold or warm engine.
- **Engine Switch:** Verify the engine switch is in the "ON" position.
- **Spark Plug:** Inspect the spark plug for fouling or damage.
- **Battery (Electric Start):** Check battery charge. If low, use the recoil start.

No Power Output:

- **Circuit Breakers:** Check if any circuit breakers on the control panel have tripped. Reset if necessary.
- **Overload:** Reduce the total load connected to the generator.
- **Connections:** Ensure all power cords are securely plugged into the generator outlets.

Engine Runs Poorly:

- **Stale Fuel:** Use fresh fuel. Drain old fuel if necessary.
- **Air Filter:** Clean or replace a dirty air filter.

- **Spark Plug:** Inspect and clean or replace the spark plug.

SPECIFICATIONS

Feature	Detail
Brand	Pulsar
Model Name	Portable Dual Fuel Generator- 8000 Rated Watts & 10000 Peak Watts - Gas & LPG
Item Model Number	PG10000B16
Wattage (Peak)	10,000 Watts (Gasoline) / 9,000 Watts (LPG)
Wattage (Running)	8,000 Watts (Gasoline) / 7,000 Watts (LPG)
Fuel Type	Gasoline, Liquefied Petroleum Gas (LPG)
Engine Type	4-Stroke, OHV, Air Cooled
Engine Displacement	420 Cubic Centimeters
Fuel Tank Volume	6.6 Gallons
Ignition System Type	Electric Start with Recoil Backup
Voltage	120V / 240V AC, 12V DC
Total Power Outlets	6
Item Weight	209 Pounds
Product Dimensions	28.5"L x 21.8"W x 22.2"H
Material	Steel
Special Feature	Dual Fuel, Switch & Go Technology



Figure 5: Product dimensions of the Pulsar PG10000B16 generator.

WARRANTY AND SUPPORT

For detailed warranty information, please refer to the warranty card included with your product or visit the official Pulsar website. If you require technical assistance, replacement parts, or have questions regarding your generator, please contact Pulsar customer support.

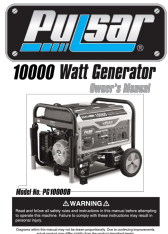
Contact Information: Refer to your product packaging or the official Pulsar website for the most current customer support contact details.

Related Documents - PG10000B16



[Pulsar PG4500BiSRCO Inverter Generator Operator's Manual](#)

Operator's manual for the Pulsar PG4500BiSRCO Inverter Generator, covering safety, features, operation, maintenance, and troubleshooting for gasoline and LPG dual-fuel use.



[Pulsar 10000 Watt Dual Fuel Generator Owner's Manual PG10000B](#)

Comprehensive owner's manual for the Pulsar 10000 Watt Dual Fuel Generator (Model PG10000B), covering safety, operation, maintenance, troubleshooting, and specifications for both gasoline and LPG use.



[Pulsar PG6580BCO Generator Operator's Manual](#)

Comprehensive operator's manual for the Pulsar PG6580BCO portable generator, covering safety, assembly, operation, maintenance, troubleshooting, and specifications for both gasoline and LPG fuel.



[Pulsar GD400BN 4000 Watt Dual Fuel Inverter Generator Operator's Manual](#)

Comprehensive operator's manual for the Pulsar GD400BN 4000 Watt Dual Fuel Inverter Generator, covering safe operation, maintenance, troubleshooting, and technical specifications for gasoline and propane use.



[Pulsar PGX60BISRCO 6000 Watt Inverter Generator Operator's Manual](#)

This operator's manual provides comprehensive instructions for the Pulsar PGX60BISRCO 6000 Watt Dual Fuel Inverter Generator. It covers essential safety information, preparation steps, operating procedures, maintenance schedules, troubleshooting tips, and technical specifications to ensure safe and efficient use.



[Pulsar PG2200BiS Inverter Gasoline Generator Operator's Manual](#)

Comprehensive operator's manual for the Pulsar PG2200BiS portable inverter gasoline generator, covering safety, operation, maintenance, and troubleshooting to ensure reliable performance.