

Black+Decker BXGNP3000E

BLACK+DECKER BXGNP3000E Gasoline Generator User Manual

Model: BXGNP3000E | Brand: Black+Decker

1. SETUP

This section guides you through the initial setup of your BLACK+DECKER BXGNP3000E Gasoline Generator, including assembly and fluid checks.

1.1 Unpacking and Inspection

Carefully remove the generator from its packaging. Inspect for any visible damage. Ensure all components listed in the packing list are present.

1.2 Attaching Wheels and Handles

Attach the wheels and handles to the generator frame for ease of transport. Secure all bolts and pins as instructed.



Figure 1: Generator with handle attached, ready for transport.

The image above shows the generator with its handle in the upright position, indicating readiness for movement. Ensure the handle is securely fastened.



Figure 2: Side view of the generator highlighting the robust frame and wheels for portability.

This image provides a side view, emphasizing the sturdy frame and attached wheels, which are crucial for moving the generator. Confirm that the wheels are properly installed and secured.

1.3 Adding Engine Oil

Before first use, add the recommended engine oil. The generator requires SAE 10W-30 oil. Do not overfill.



Figure 3: Engine side of the generator, showing the oil fill cap location.

Locate the oil fill cap on the engine side of the generator. Unscrew the cap, insert a funnel, and carefully pour in the engine oil. Use the dipstick to check the oil level, ensuring it is between the 'L' and 'H' marks.

1.4 Adding Fuel

Fill the fuel tank with fresh, unleaded gasoline. The tank capacity is 15 liters. Do not use old or contaminated fuel.



Figure 4: Front view of the generator, showing the fuel tank cap on top.

Unscrew the fuel cap located on top of the generator. Use a clean funnel to add gasoline, being careful not to spill. The fuel gauge will indicate the current level.

1.5 Setup Video Guide

Watch this video for a visual guide on setting up the generator, including attaching wheels and handles.

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Video 1: Initial assembly of the generator, including wheel and handle installation.

2. OPERATING INSTRUCTIONS

Follow these steps to safely operate your BLACK+DECKER BXGNP3000E Gasoline Generator.

2.1 Pre-Start Checks

- Ensure the generator is on a level surface.
- Check engine oil level.

- Verify fuel level.
- Ensure all electrical devices are disconnected from the generator outlets.

2.2 Starting the Generator

1. Turn the fuel valve to the 'ON' position.
2. Move the choke lever to the 'CHOKE' position (for cold starts).
3. Turn the engine switch to the 'ON' position.
4. Pull the recoil starter handle firmly and smoothly until the engine starts.
5. Once the engine starts, slowly move the choke lever to the 'RUN' position.

2.3 Connecting Electrical Loads

After the generator has stabilized (approximately 5 minutes), you can connect your electrical devices to the AC 230V outlets. Ensure the total load does not exceed the nominal power of 2600W.



Figure 5: Control panel of the generator, showing the AC 230V outlets and circuit breaker.

The control panel features multiple AC 230V outlets and a DC 12V/8.3A output. Connect your devices here. The voltmeter displays the output voltage.

2.4 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.

2.5 Operation Video Guide

This video demonstrates the starting procedure and general operation of a similar generator model.

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Video 2: Demonstrates the use and operation of a 1400W generator, including starting and connecting loads.

Another video showing manual operation steps for a similar inverter generator.

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Video 3: Manual operation guide for an MXR4500i generator, covering essential steps.

3. 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.

3.1 Maintenance Schedule

Item	Every Use	Every 25 Hours	Every 100 Hours
Check Oil Level	✓		
Change Oil		✓	
Clean Air Filter		✓	
Check Spark Plug			✓
Replace Spark Plug			✓ (or annually)

3.2 Changing Engine Oil

To change the engine oil, place a suitable container beneath the oil drain plug. Unscrew the drain plug and allow the old oil to drain completely. Replace the plug and refill with fresh SAE 10W-30 oil.

3.3 Cleaning the Air Filter

Remove the air filter cover and take out the foam filter element. Wash the element in warm, soapy water, rinse thoroughly, and allow it to air dry completely. Apply a few drops of clean engine oil to the filter, then squeeze out any excess before reinstalling.



Figure 6: Side view showing the air filter housing on the generator.

The image shows the location of the air filter housing. Regular cleaning of the air filter prevents dust and debris from entering the engine, ensuring efficient operation.

3.4 Spark Plug Inspection and Replacement

Remove the spark plug cap and use a spark plug wrench to remove the spark plug. Inspect the electrode for wear or carbon buildup. Clean or replace as necessary. Ensure the new spark plug is correctly gapped before installation.

3.5 Fuel System Drainage for Storage

For long-term storage, it is necessary to drain residual fuel from the carburetor to prevent fuel degradation and engine issues. Turn the fuel valve to 'ON', then loosen the carburetor drain screw to allow fuel to drain into a suitable container. Once drained, tighten the screw and turn the fuel valve to 'OFF'.

3.6 Maintenance Video Guide

These videos provide detailed instructions for various maintenance tasks.

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Video 4: Comprehensive maintenance manual for an inverter power generator, covering oil changes, air filter cleaning, and spark plug replacement.

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4. TROUBLESHOOTING

This section provides solutions to common issues you might encounter with your generator.

4.1 Generator Will Not Start

- **No Fuel:** Check the fuel level and add fresh gasoline if necessary.
- **Low Oil:** Ensure the engine oil level is sufficient. The generator has a low-oil shutdown feature.
- **Choke Position:** For cold starts, ensure the choke is in the 'CHOKE' position. For warm starts, it should be in 'RUN'.
- **Engine Switch:** Verify the engine switch is in the 'ON' position.
- **Spark Plug:** Inspect the spark plug for fouling or damage. Clean or replace if needed.

4.2 Low Power Output or Engine Stalling

- **Overload:** Reduce the connected electrical load. The generator may have an overload protection system that trips.
- **Air Filter:** A dirty air filter can restrict airflow. Clean or replace the air filter.
- **Stale Fuel:** Old fuel can cause poor engine performance. Drain old fuel and refill with fresh gasoline.

4.3 No Electrical Output

- **Circuit Breaker:** Check if the AC circuit breaker has tripped. Reset if necessary.
- **Overload:** Disconnect all loads and restart the generator.

5. SPECIFICATIONS

Detailed technical specifications for the BLACK+DECKER BXGNP3000E Gasoline Generator.

Model Number: BXGNP3000E

Manufacturer: BLACK+DECKER

Power (Nominal/Maximum): 2600W / 3000W

Engine: 208cc 4-stroke

Voltage: 230V

Fuel Tank Capacity: 15L

Autonomy (50% load): 10 hours

Noise Level (at 7m): 69 dBA

Power Source: Fuel (Gasoline)

Special Features: Low oil shutdown

Product Weight: 47 kg

Dimensions: 65 x 54 x 50 cm

6. WARRANTY AND SUPPORT

For warranty information, please refer to the documentation included with your product at the time of purchase. If you require technical assistance or have questions regarding your BLACK+DECKER BXGNP3000E Gasoline Generator, please contact Black+Decker customer support. Keep your purchase receipt and model number handy for faster service.