

Kompak KP-KGG39EI-DF

Kompak KP-KGG39EI-DF Inverter Generator User Manual

Model: KP-KGG39EI-DF

1. IMPORTANT SAFETY INFORMATION

Read and understand all safety precautions and instructions before operating this generator. Failure to follow these instructions can result in serious injury or death.

1.1 Carbon Monoxide Hazard

- Generator exhaust contains carbon monoxide, a colorless, odorless, poisonous gas.
- Never operate the generator indoors or in poorly ventilated areas.
- Always ensure adequate ventilation when operating the generator outdoors.

1.2 Fire Hazard

- Fuel is highly flammable and its vapors are explosive.
- Refuel in a well-ventilated area with the engine off and cool.
- Do not overfill the fuel tank.
- Keep fuel away from sparks, open flames, pilot lights, heat, and other ignition sources.

1.3 Electrical Shock Hazard

- Never operate the generator in wet conditions.
- Ensure the generator is properly grounded.
- Do not connect the generator to a building's electrical system unless an approved transfer switch has been installed by a qualified electrician.

2. PRODUCT OVERVIEW

The Kompak KP-KGG39EI-DF is a portable inverter generator designed to provide reliable power. Familiarize

yourself with its components before operation.

2.1 Generator Components



Figure 1: Overall view of the Kompak KP-KGG39EI-DF Inverter Generator. This image shows the compact design, yellow and black casing, and the general layout of the unit, including the wheels and handle for portability.



Figure 2: Detailed view of the control panel. This image highlights the various outlets (AC 230V, DC 12V 8A, USB), the digital display, ECO mode switch, engine switch (Start/Stop/Choke/Run), output reset button, and circuit protectors.



Figure 3: Rear view showing fuel and oil access points. This image displays the unleaded gasoline fuel cap, the propane connection point, and the location for engine oil filling and checking.

3. SETUP

Before starting the generator for the first time, perform the following setup steps.

3.1 Unpacking and Inspection

- Remove the generator from its packaging and inspect for any shipping damage.
- Ensure all accessories are present.

3.2 Adding Engine Oil

1. Place the generator on a level surface.
2. Remove the oil fill cap/dipstick.
3. Add the recommended engine oil (e.g., SAE 10W-30) to the proper level. Do not overfill. Refer to the oil capacity in the Specifications section.
4. Reinstall the oil fill cap/dipstick securely.

3.3 Adding Fuel

This generator can operate on unleaded gasoline or propane.

3.3.1 Gasoline Fuel

1. Ensure the engine is off and cool.
2. Open the fuel tank cap.
3. Carefully pour fresh, unleaded gasoline (minimum 87 octane) into the fuel tank. Do not fill above the red indicator or the bottom of the filler neck.
4. Securely close the fuel tank cap.

3.3.2 Propane Fuel (LPG)

1. Ensure the engine is off.
2. Connect the propane hose from a propane cylinder to the generator's propane inlet.
3. Ensure all connections are tight to prevent leaks.

3.4 Grounding the Generator

For safety, the generator must be properly grounded. Connect a heavy-gauge wire from the generator's ground terminal to an earth ground rod or other approved grounding method.

4. OPERATING INSTRUCTIONS

Follow these steps for safe and efficient operation of your generator.

4.1 Pre-Operation Checklist

- Check engine oil level.
- Check fuel level (gasoline or propane).
- Ensure all electrical connections are secure.
- Verify the generator is on a level, stable surface and in a well-ventilated area.

4.2 Starting the Engine (Gasoline)

1. Turn the fuel valve to the 'ON' position.
2. Set the engine switch to 'CHOKE' (for cold start) or 'RUN' (for warm start).
3. Pull the recoil starter handle firmly until the engine starts.
4. Once the engine starts, gradually move the engine switch from 'CHOKE' to 'RUN'.

4.3 Starting the Engine (Propane)

1. Ensure the propane cylinder valve is open.
2. Set the engine switch to 'CHOKE' (for cold start) or 'RUN' (for warm start).
3. Pull the recoil starter handle firmly until the engine starts.

4. Once the engine starts, gradually move the engine switch from 'CHOKE' to 'RUN'.

4.4 Connecting Electrical Loads

- Allow the engine to run for a few minutes to stabilize.
- Plug in your appliances or extension cords into the appropriate AC or DC outlets.
- Do not exceed the generator's rated wattage.

4.5 Eco-Throttle Operation

The ECO mode switch, when engaged, automatically adjusts engine speed to match the load, improving fuel efficiency and reducing noise. For high-demand appliances, disengage ECO mode.

4.6 Stopping the Engine

1. Disconnect all electrical loads.
2. Allow the engine to run for a few minutes without load to cool down.
3. Turn the engine switch to the 'STOP' position.
4. If using gasoline, turn the fuel valve to 'OFF'. If using propane, close the propane cylinder valve.

4.7 Overload Protection

If the generator is overloaded, the overload indicator light will illuminate, and power output will stop. Disconnect some loads and press the 'OUTPUT RESET' button to restore power.

5. MAINTENANCE

Regular maintenance ensures optimal performance and extends the life of your generator.

5.1 Maintenance Schedule

Item	Every Use	Every 50 Hrs / Monthly	Every 100 Hrs / 3 Months	Every 300 Hrs / Annually
Check Engine Oil	✓			
Change Engine Oil			✓	
Clean Air Filter		✓		
Inspect Spark Plug			✓	
Replace Spark Plug				✓
Clean Fuel Filter				✓

5.2 Checking Engine Oil

Ensure the generator is on a level surface. Remove the oil dipstick, wipe it clean, reinsert without screwing, then remove and check the oil level. Add oil if necessary.

5.3 Cleaning/Replacing Air Filter

Remove the air filter cover and element. Clean the element with warm, soapy water, rinse, and allow to dry

completely. Replace if damaged or excessively dirty.

5.4 Spark Plug Inspection

Remove the spark plug and inspect for carbon buildup or wear. Clean or replace as needed. Ensure the gap is set correctly according to specifications.

5.5 Fuel System Maintenance (Storage)

For storage longer than 30 days, drain the gasoline fuel tank and carburetor to prevent fuel degradation. Alternatively, use a fuel stabilizer. For propane, simply close the cylinder valve and disconnect.

6. TROUBLESHOOTING

Refer to this section for common issues and their solutions.

6.1 Engine Will Not Start

- **No Fuel:** Check fuel level (gasoline or propane).
- **Engine Switch:** Ensure it is in the 'RUN' or 'CHOKE' position.
- **Low Oil:** Check engine oil level. The generator has a low-oil shutdown feature.
- **Spark Plug:** Inspect spark plug for fouling or damage.

6.2 No Power Output

- **Overload:** Disconnect loads and press the 'OUTPUT RESET' button.
- **Circuit Breaker:** Check if any circuit breakers have tripped.
- **Connections:** Ensure all cables are securely connected.

6.3 Engine Stops During Operation

- **Low Fuel:** Refuel the generator.
- **Low Oil:** Check and add engine oil.
- **Overload:** Reduce load and restart.

7. SPECIFICATIONS

Key technical specifications for the Kompak KP-KGG39EI-DF Inverter Generator.

Specification	Value
Model Number	KP-KGG39EI-DF
Brand	Kompak
Manufacturer	KOMPAK
Item Weight	12.48 pounds
Product Dimensions	19.69 x 19.69 x 11.02 inches
ASIN	B0C6D98T8R

Specification	Value
First Available	July 12, 2023

8. WARRANTY AND SUPPORT

For warranty information, technical support, or to order replacement parts, please contact Kompak customer service. Refer to your purchase documentation for specific warranty terms and contact details.