

Genkins GKJ11000ED

Genkins GKJ11000ED Dual Fuel Portable Generator Instruction Manual

Model: GKJ11000ED | Brand: Genkins

1. INTRODUCTION

This manual provides essential information for the safe operation, maintenance, and troubleshooting of your Genkins GKJ11000ED Dual Fuel Portable Generator. Please read this manual thoroughly before operating the generator to ensure proper use and to prevent injury or damage.

2. SAFETY INFORMATION

WARNING: Generators produce carbon monoxide, a colorless, odorless, poisonous gas. Operating a generator indoors can kill you in minutes. ALWAYS operate generators outdoors, far away from windows, doors, and vents.

- **Read the Manual:** Familiarize yourself with all operating instructions and safety warnings before use.
- **Outdoor Use Only:** Never operate the generator inside any building, garage, shed, or other enclosed space.
- **Proper Ventilation:** Ensure adequate clearance around the generator for proper airflow.
- **Fuel Safety:** Gasoline is highly flammable. Store fuel in approved containers. Do not refuel a hot or running engine.
- **Electrical Safety:** Do not operate the generator in wet conditions. Ensure all connections are secure and properly grounded. Use only approved extension cords.
- **Grounding:** Always properly ground the generator before operation to prevent electrical shock.
- **Children and Pets:** Keep children and pets away from the generator during operation.
- **Emergency Shut-off:** Know how to quickly shut off the generator in an emergency.

3. PRODUCT OVERVIEW

The Genkins GKJ11000ED is a powerful dual-fuel portable generator designed for various applications including home backup, RV camping, and job site use. It offers both gasoline and propane operation.

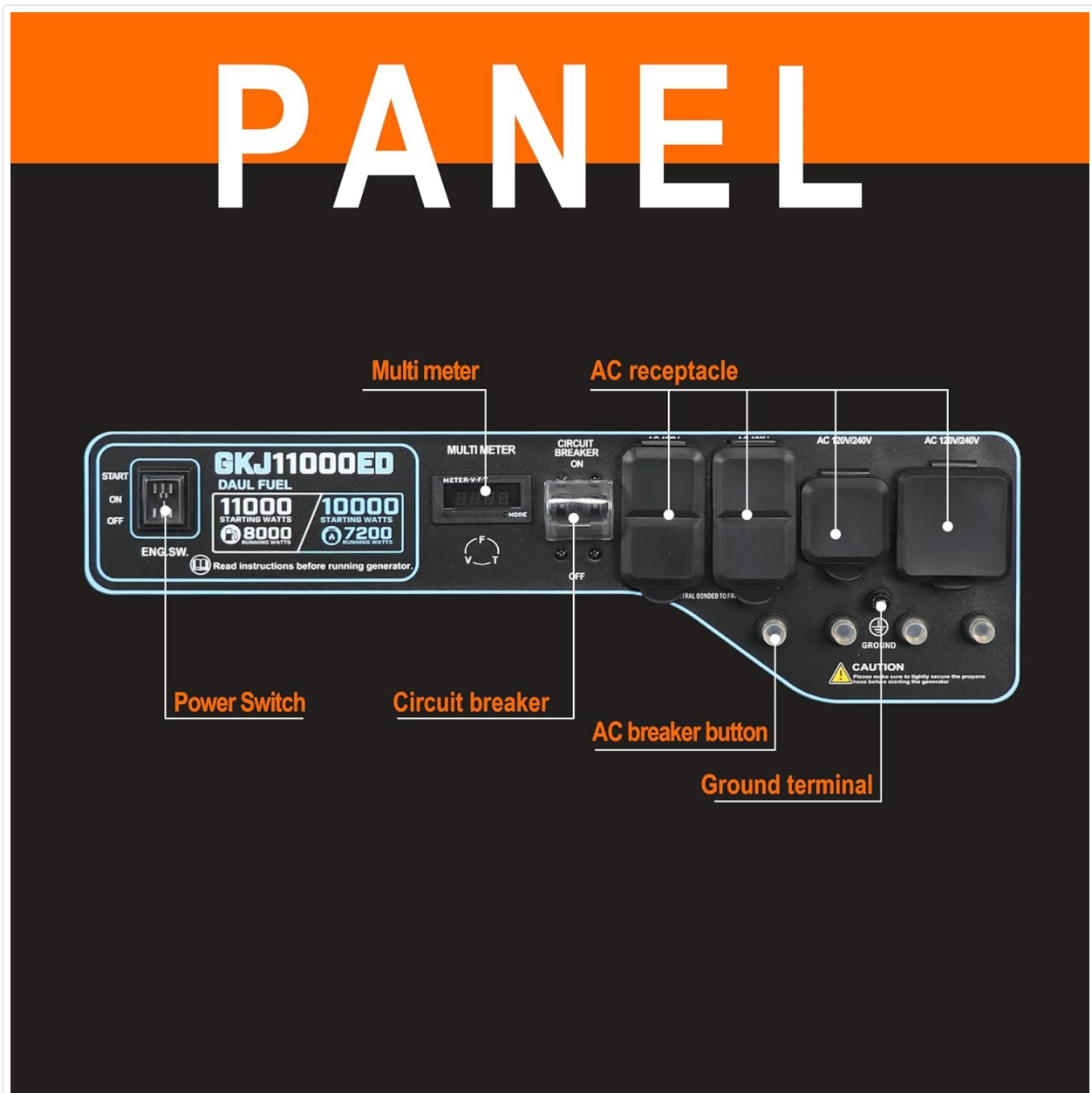


Image: The Genkins GKJ11000ED Dual Fuel Portable Generator, showing its robust frame and wheels.

Key Features:

- **High Output:** 11000 Starting Watts (Gasoline) / 10000 Starting Watts (LPG). 8000 Running Watts (Gasoline) / 7200 Running Watts (LPG).
- **Dual Fuel Capability:** Operates on both gasoline and propane for versatility.
- **Electric Start:** Convenient electric start function in addition to recoil start.
- **Weatherproof Outlets:** Designed to protect against environmental hazards.
- **Portability:** Equipped with a wheel kit and handle for easy transport.
- **Automatic Idle Control:** Optimizes engine speed for fuel efficiency.
- **Digital Display:** Provides real-time operational information.

POWERFUL ENGINE
Strong and professional.

DUAL FUEL
Gasoline & LPG

LOW NOISE
78dB@7M.

LARGER FUEL TANK
6.6 Gal fuel capacity for 9 hours using(1/2 load).

LIGHTWEIGHT AND PORTABLE
193 pounds, compact design.

GKJ11000ED
PORTABLE GENERATOR

Suggested Uses

Lights
 Small Appliances
 Large Appliances
 Air Compressor
 Power Tools

DUAL FUEL

Accessories

Power Solution for Better and Easier Life

Image: An overview highlighting key features such as powerful engine, dual fuel, low noise, larger fuel tank, and portability.

Control Panel Components:



Image: Detailed view of the generator's control panel, showing the power switch, multimeter, AC receptacles, circuit breaker, AC breaker button, and ground terminal.

- 1. Power Switch:** Controls the generator's ignition.

2. **Multimeter:** Displays voltage, frequency, and running hours.
3. **AC Receptacles:** Various outlets for connecting electrical devices (GFCI L5-20R 120V/20A, L5-30R 120V-30A, L14-30R 120/240V-30A).
4. **Circuit Breaker:** Protects the generator from overload.
5. **AC Breaker Button:** Resets the AC circuit breaker.
6. **Ground Terminal:** Point for connecting the generator to an earth ground.

4. SETUP

4.1 Unpacking and Assembly

Carefully remove the generator from its packaging. The wheel kit and handle kit are included and require assembly. Refer to the quick guide for detailed assembly instructions for the wheels and handle.

4.2 Adding Engine Oil

The generator is shipped without engine oil. Before first use, add the recommended oil to the engine.

- **Recommended Oil:** SJ 10W-40.
- **Oil Volume:** Approximately 2.32 pints (1.1 liters).
- Locate the oil fill cap/dipstick.
- Add oil slowly until it reaches the upper mark on the dipstick. Do not overfill.
- The generator features a low oil shutdown system to protect the engine.

4.3 Adding Fuel

The GKJ11000ED operates on either gasoline or propane.

For Gasoline Operation:

- Ensure the generator is turned off and cooled down before adding fuel.
- Use fresh, unleaded gasoline with an octane rating of 87 or higher.
- The gasoline fuel tank capacity is 6.6 gallons.
- Do not fill the tank completely; leave space for fuel expansion.
- Securely close the fuel cap after filling.

For Propane (LPG) Operation:

- Connect a standard propane tank (not included) to the generator's LPG inlet using the appropriate hose and regulator (ensure hose is tightly secured).
- Ensure all connections are tight to prevent leaks.



Image: View of the generator's engine side, showing the fuel selector switch for gasoline or LPG operation.

4.4 Grounding the Generator

To prevent electrical shock, the generator must be properly grounded. Connect a heavy-gauge copper wire from the generator's ground terminal to an earth ground rod.

5. OPERATING INSTRUCTIONS

5.1 Starting the Generator

Ensure the generator is on a level surface, outdoors, and away from any structures or combustible materials.

For Gasoline Start:

1. Ensure the fuel valve is open.
2. Set the fuel selector switch to 'Gasoline'.
3. Move the choke lever to the 'Choke' position (if engine is cold).
4. Turn the power switch to 'ON'.
5. **Electric Start:** Press and hold the electric start button until the engine starts. Release immediately once started.
6. **Recoil Start:** Pull the recoil starter handle firmly and steadily until the engine starts.
7. Once the engine starts, slowly move the choke lever to the 'Run' position.

For Propane (LPG) Start:

1. Ensure the propane tank valve is open.
2. Set the fuel selector switch to 'LPG'.
3. Move the choke lever to the 'Choke' position (if engine is cold).
4. Turn the power switch to 'ON'.
5. **Electric Start:** Press and hold the electric start button until the engine starts. Release immediately once started.
6. **Recoil Start:** Pull the recoil starter handle firmly and steadily until the engine starts.
7. Once the engine starts, slowly move the choke lever to the 'Run' position.

5.2 Connecting Electrical Devices

- Allow the generator to run for a few minutes to stabilize after starting.
- Ensure the circuit breakers on the control panel are in the 'ON' position.
- Plug in your electrical devices or extension cords into the appropriate AC receptacles.
- Do not exceed the generator's rated running wattage (8000W Gasoline / 7200W LPG).
- If an overload occurs, the circuit breaker will trip. Reduce the load and reset the breaker.

5.3 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 power switch to 'OFF'.
4. If operating on gasoline, close the fuel valve. If operating on propane, close the valve on the propane tank.

6. MAINTENANCE

Regular maintenance is crucial for the longevity and safe operation of your generator.

- **Engine Oil:** Check oil level before each use. Change oil after the first 20 hours of operation, then every 50-100 hours or annually, depending on use.
- **Air Filter:** Inspect and clean the air filter regularly. Replace if damaged.
- **Spark Plug:** Inspect and clean the spark plug every 100 hours or annually. Replace if worn.
- **Fuel Filter:** Inspect and clean or replace the fuel filter as needed.
- **Storage:** For long-term storage, drain the fuel tank and carburetor (for gasoline) or disconnect the propane tank. Store in a dry, well-ventilated area.

7. TROUBLESHOOTING

This section addresses common issues you might encounter with your generator.

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Engine will not start	No fuel (gasoline/LPG), low oil level, power switch OFF, choke incorrect, spark plug issue, battery low (for electric start)	Add fuel, check/add oil, turn power switch ON, adjust choke, inspect/clean/replace spark plug, charge/replace battery.
No power output	Circuit breaker tripped, overloaded, faulty connection	Reset circuit breaker, reduce load, check all connections.
Engine runs rough	Stale fuel, dirty air filter, dirty spark plug	Drain old fuel and add fresh, clean/replace air filter, clean/replace spark plug.
Low oil shutdown activates	Engine oil level is too low	Check oil level and add recommended oil.

8. SPECIFICATIONS

Specification	Detail
Model Number	GKJ11000ED
Rated Voltage & Frequency	120V/240V/60HZ
Rated Output (Gasoline)	8000W
Rated Output (LPG)	7200W
Starting Wattage (Gasoline)	11000 Watts
Starting Wattage (LPG)	10000 Watts
Engine Type	OHV, 4-stroke
Engine Displacement	459 cc
Fuel Tank Capacity (Gasoline)	6.6 gallons
Recommended Oil	SJ 10W-40
Oil Volume	2.32 pints
Noise Level	78dB/7m
Net Weight	193.3 lb (87.7 kg)
Product Dimensions (L x W x H)	28" x 21" x 23" (711mm x 533mm x 584mm)

Specification	Detail
Receptacles	GFCI L5-20R 120V/20A (x2), L5-30R 120V-30A (x1), L14-30R 120/240V-30A (x1)
Starting Method	Recoil start / Electric-start
Low Oil Shutdown	Yes
CO Sensor & Shutdown	No

9. WARRANTY AND SUPPORT

9.1 Warranty Information

This Genkins GKJ11000ED generator comes with a **1-year limited warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use. Please retain your proof of purchase for warranty claims.

9.2 Customer Support

For technical assistance, parts, or warranty inquiries, please contact Genkins customer support. Refer to the contact information provided with your purchase documentation or visit the official Genkins website.