

EF ECOFLOW EF-SG-H01-1

EF ECOFLOW 3200W Dual Fuel Smart Generator User Manual

Model: EF-SG-H01-1

Brand: EF ECOFLOW

INTRODUCTION

This user manual provides essential information for the safe and efficient operation of your EF ECOFLOW 3200W Dual Fuel Smart Generator. This portable inverter generator is designed to provide reliable power for home backup, emergencies, and various outdoor applications, offering both LPG and gasoline fuel options. It is compatible with EcoFlow DELTA Pro 3 and EcoFlow DELTA Pro power stations for enhanced energy solutions.

Please read this manual thoroughly before operating the generator and keep it for future reference.

SAFETY INFORMATION

WARNING: Improper operation can lead to serious injury or death. Always follow safety guidelines.

- **Carbon Monoxide Hazard:** Generators produce carbon monoxide, a colorless, odorless, poisonous gas. Operate the generator outdoors in a well-ventilated area, far away from windows, doors, and vents. Never operate indoors or in enclosed spaces.
- **Fire Hazard:** Gasoline and LPG are highly flammable. Store fuel in approved containers away from ignition sources. Do not refuel while the engine is running or hot.
- **Electrical Shock Hazard:** Do not operate the generator in wet conditions. Ensure all connections are secure and dry. Do not overload the generator.
- **Hot Surfaces:** The generator's engine and muffler become very hot during operation and remain hot for some time after shutdown. Avoid contact with hot surfaces.
- **Children and Pets:** Keep children and pets away from the generator at all times.

The EcoFlow app provides real-time alerts for CO concentration, high & low-temperature warnings, engine oil alerts, and overload alerts. These features trigger automatic shutdowns for enhanced safety (excluding fuel alerts).

Safety First

5 alerts to keep you safe and informed



CO Alert



Fuel Alert



Temperature Alert



Engine Oil Alert



Overload Alert



Image: The generator's display and the EcoFlow app interface showing various safety alerts such as CO, fuel, temperature, engine oil, and overload warnings.

PRODUCT OVERVIEW

The EF ECOFLOW 3200W Dual Fuel Smart Generator is a compact and powerful unit designed for versatility and ease of use. Key components include:

- **Control Panel:** Features a display screen, power outlets, and control buttons.
- **Fuel Tank:** For gasoline storage.
- **LPG Inlet:** For connecting an external LPG tank.
- **Exhaust Port:** Where exhaust gases are expelled.
- **Wheels and Handle:** For enhanced portability.
- **Oil Fill Cap/Dipstick:** For checking and adding engine oil.
- **Air Filter:** Protects the engine from dust and debris.



Image: A detailed view of the EF ECOFLOW 3200W Dual Fuel Smart Generator, highlighting its main features and compact design.

SETUP

Initial Preparation

1. **Unpacking:** Carefully remove the generator from its packaging. Inspect for any shipping damage.
2. **Placement:** Position the generator on a firm, level surface outdoors, in a well-ventilated area, at least 20 feet away from any buildings or combustible materials.
3. **Add Engine Oil:** Before first use, add the recommended engine oil (refer to specifications for type and capacity) through the oil fill cap. Do not overfill.
4. **Fueling:**
 - **Gasoline:** Fill the gasoline tank with unleaded gasoline. Do not fill above the maximum fill line.
 - **LPG:** Connect a 20 lb (or larger) propane tank to the LPG inlet using a compatible hose (not included). Ensure connections are tight to prevent leaks.

Dual Fuel For Double Peace Of Mind

20 IB

LPG TANK

2900W

Rated Output (LPG)

24KWH

Power (LPG)

6 L

Fuel Tank (GAS)

3200W

Rated Output (GAS)

9KWH

Power (GAS)



Image: The generator shown with an LPG tank, illustrating the dual fuel setup.

OPERATING INSTRUCTIONS

Starting the Generator

The generator offers multiple starting methods:

- **Manual Button Start:** Press the start button on the control panel.
- **Electric Button Start:** Use the electric start button for convenience.
- **App Remote Start:** Control the generator remotely via the EcoFlow app (Bluetooth or Wi-Fi connection required).
- **Auto Start Modes:**
 - **Customizable Start:** Set specific conditions for automatic startup.
 - **Night-Care Mode Automatic Start:** Ensures quiet operation during specific hours.
 - **PV-Priority Mode Automatic Start:** Prioritizes solar charging before engaging the generator.
 - **Smart Reverse Charging Automatic Start:** Automatically starts to recharge connected EcoFlow power

stations when their battery level drops.

Connecting to EcoFlow Power Stations

The generator is designed to seamlessly integrate with EcoFlow DELTA Pro 3 and DELTA Pro power stations for efficient DC fast charging. Connect the generator to your power station using the appropriate cable. The generator will automatically optimize charging to save fuel.



Image: The generator connected to EcoFlow DELTA Pro units, demonstrating its ability to save up to 40% on fuel during charging.

Using the EcoFlow App

The EcoFlow app provides comprehensive control and monitoring capabilities:

- Monitor energy consumption and equipment operation in real-time.
- Receive maintenance prompts and safety alerts.
- Control start/stop functions with a single tap.
- Adjust charging rates and modes.

Control From Anywhere With Just One Tap



Real-Time
Status



real-time
key alerts



faults and
maintenance prompts



Download on the
App Store



GET IT ON
Google Play

Image: The EcoFlow app on a smartphone, demonstrating remote control and monitoring features for the generator.

Shutting Down the Generator

The generator offers several shutdown methods:

- **Knob Switch Off:** Turn the main switch to the OFF position.
- **One-Click Shutdown (Electric Button):** Press the designated shutdown button.
- **Automatic Shutdown:** The generator will shut down automatically under certain conditions (e.g., low fuel, critical alerts).
- **Scheduled-Time Shutdown:** Program a specific time for the generator to turn off via the app.
- **Low Output Shutdown:** Automatically shuts down if output is consistently low.
- **App-Controlled Shutdown:** Remotely shut down the generator using the EcoFlow app.

MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your generator. Always ensure the generator is

off and cooled down before performing any maintenance.

- **Check Engine Oil:** Regularly check oil levels and change oil according to the maintenance schedule in the specifications.
- **Clean Air Filter:** Inspect and clean the air filter periodically. Replace if damaged.
- **Spark Plug Inspection:** Check the spark plug for wear and proper gap. Replace as needed.
- **Fuel System:** If storing for extended periods, drain the fuel tank or use a fuel stabilizer to prevent fuel degradation.
- **General Cleaning:** Keep the generator clean and free of debris. Ensure cooling vents are unobstructed.

The EcoFlow app provides maintenance prompts and alerts to assist with timely upkeep.

TROUBLESHOOTING

This section addresses common issues you might encounter. For problems not listed here, contact customer support.

Problem	Possible Cause	Solution
Generator won't start	Low fuel, low oil, spark plug issue, fuel valve closed.	Check fuel level (gasoline/LPG), add oil, inspect/replace spark plug, open fuel valve.
No power output	Overload, circuit breaker tripped, faulty connection.	Reduce load, reset circuit breaker, check all cable connections.
Engine runs rough or stalls	Stale fuel, clogged air filter, dirty spark plug.	Use fresh fuel, clean/replace air filter, clean/replace spark plug.
App connectivity issues	Bluetooth/Wi-Fi off, app outdated, interference.	Ensure Bluetooth/Wi-Fi is enabled, update app, move closer to generator.

SPECIFICATIONS

Feature	Detail
Brand	EF ECOFLOW
Model Name	EF-SG-H01-1
Wattage	3200 Watt-hours
Fuel Type	Dual Fuel (LPG and Gasoline)
Power Source	Gas Powered
Item Weight	83 Pounds
Voltage	120 Volts (AC)
Output Wattage	3200 Watts
Special Feature	Portable
Product Dimensions	24.9"L x 15"W x 20.8"H
Engine Type	4 Stroke
Ignition System Type	Electronic

Feature	Detail
Gasoline Tank Volume	4 Liters
Runtime (Gasoline, 25% load)	Approx. 8 hours (from 8kWh output)
Runtime (LPG, 20lb tank)	Up to 24kWh of power
Total Power Outlets	8
Frequency	60 Hz
Starting Wattage	1800 Watts
Running Wattage	3200 Watts
UPC	842783143037

WARRANTY AND SUPPORT

EF ECOFLOW offers a comprehensive warranty for your peace of mind:

- **Standard Warranty:** Enjoy a 3-year warranty period from the date of purchase.
- **Extended Protection Plans:** Additional protection plans are available for purchase, including 3-Year and 4-Year Protection Plans.

For technical support, warranty claims, or general inquiries, please visit the official EF ECOFLOW website or contact their customer service department. Ensure you have your model number (EF-SG-H01-1) and proof of purchase ready when contacting support.

You can also find more information and support resources on the [EF ECOFLOW Store on Amazon](#).

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ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question