

Manuals.plus /
› Mutaomay /
› Mutaomay 4000W Portable Quiet Inverter Gas Generator Instruction Manual

Mutaomay EDOG04

Mutaomay 4000W Portable Quiet Inverter Gas Generator Instruction Manual

Model: EDOG04 | Brand: Mutaomay

IMPORTANT SAFETY INSTRUCTIONS

Read and understand all safety warnings and instructions before operating the generator. Failure to follow these instructions may result in electric shock, fire, serious injury, or death.

- **Carbon Monoxide Hazard:** Generators produce carbon monoxide, a colorless, odorless, poisonous gas. Operate the generator outdoors only and far away from windows, doors, and vents. Never use inside a home, garage, or any enclosed area.
- **Fire Hazard:** Gasoline is highly flammable. Refuel in a well-ventilated area with the engine off and cool. Do not smoke or allow flames or sparks near the generator or fuel tank.
- **Electrical Shock Hazard:** Do not operate the generator in wet conditions. Ensure all connections are dry and secure. Use a ground wire connection.
- **Hot Surfaces:** The generator's engine and muffler become very hot during operation. Avoid contact to prevent burns.



Figure 1: Mutaomay 4000W Portable Quiet Inverter Gas Generator. Observe all warning labels on the unit before operation.

UNBOXING AND INITIAL SETUP

Unpacking Your Generator

Carefully remove the generator from its packaging. Inspect for any damage during transit. The generator is designed for easy removal from the box.

Video 1: Unboxing and initial overview of the Mutaomay 4000W Inverter Generator.

Included Contents

- Oil Funnel
- Owner's Manual
- Tool Kit (for spark plug removal)

Adding Engine Oil

Before first use, the generator requires engine oil. Place the generator on a level surface. The oil capacity is approximately 0.6 liters. Use the provided funnel to add the recommended oil type (refer to the owner's manual for specifics, typically 10W-30).

POWER FOR EVERY NEED, ANYWHERE

4000W

PEAK WATTS

3200W

RUNNING POWER



Multiple Outputs



Low Noise



Fuel Saving



Low Oil Shutoff



Overload Protection

Figure 2: Location of the engine oil filler cap and dipstick. Ensure the generator is on a level surface when checking oil.

Video 2: Demonstration of adding engine oil and checking the oil level using the dipstick.

Removing Shipping Brackets

For transport safety, the generator may have red shipping brackets. These must be removed before operation. Use appropriate tools (e.g., an impact driver with a socket or a wrench) to detach them.

Adding Fuel

Fill the fuel tank with fresh, unleaded gasoline. Ethanol-free gasoline is highly recommended for small engines to ensure longevity and optimal performance. Do not overfill.

FUEL ONCE, RUN MORE TIME



The large 2-gallon (7.57-liter) fuel tank reduces refueling frequency and is equipped with an ECO mode (fuel-saving mode) for the longer run time.

14 hrs **25% Load**

7 hrs **50% Load**

Figure 3: Fuel tank cap and fuel gauge. Always check the fuel level before starting.

OPERATING INSTRUCTIONS

Quick Start Guide

Follow these steps to start your Mutaomay generator:

1. Ensure engine oil and fuel levels are adequate.
2. Turn the fuel valve to the 'ON' position.
3. Move the choke lever to the 'ON' position (for cold starts).
4. Flip the engine switch (ENG.SW) on the control panel to 'ON'.
5. Pull the recoil start rope firmly until the engine starts.
6. Once the engine is running, gradually move the choke lever to the 'OFF' position.

SOLVE THE PROBLEM OF CONSTRUCTION WITHOUT ELECTRICITY



Figure 4: Control panel with a quick start guide for easy reference.

Control Panel Overview

The control panel provides access to various functions and indicators:

- **ECO Mode Switch:** Activates fuel-saving mode.
- **RESET Button:** Resets the generator in case of an error or overload.
- **Indicator Lights:** Oil pressure (red), error (yellow), and normal operation (green).
- **DC 12V Port:** For 12-volt DC devices.
- **AC1 120V Outlets (x2):** Standard household outlets.
- **AC2 120V/30A RV Outlet:** For higher power demands, such as RVs.
- **AC Overload & DC Overload Buttons:** Circuit breakers for overload protection.
- **Engine Switch (ENG.SW):** Turns the engine ON/OFF.

EMERGENCY BACKUP POWER SUPPLY

keep your essential appliances running during a power outage



Figure 5: Detailed view of the generator's control panel and output options.

Eco Mode

The ECO mode helps save fuel, reduce emissions, and extend runtime by adjusting engine speed to match the load. Activate this mode when running lighter loads or for overnight use.

Video 3: Explanation of ECO mode and its benefits for fuel efficiency.

Connecting Devices

The generator offers multiple output ports to power various devices simultaneously.

CHARGE YOUR EV FOR 7 HOURS WITH EASE



Figure 6: Diagram illustrating the different output ports: DC 12V, AC1 120V (x2), and AC2 120V/30A RV.

4 OUTPUT PORTS



Figure 7: Load capacity chart indicating runtime for various appliances at 25%, 50%, and 100% load.

Video 4: Demonstration of the generator powering various power tools on a job site.

MAINTENANCE

Engine Oil

Regularly check the engine oil level using the dipstick. Add oil as needed to maintain the proper level. Change the oil according to the schedule in the owner's manual.

Air Filter

Inspect the air filter periodically. Clean or replace it if it appears dirty or clogged to ensure proper engine performance.

Spark Plug

Check the spark plug for wear and proper gap. Replace if necessary using the provided tool kit.

Common Issues and Solutions

- Generator won't start:** Check fuel level, oil level, ensure choke is in the correct position for starting, and the engine switch is ON.
- Low Oil Shutoff:** The generator is equipped with a low oil shutoff feature to protect the engine. If the oil level is too low, the generator will not start or will shut down. Add oil to the correct level.
- Overload Protection:** If the generator is overloaded, the AC or DC overload circuit breaker will trip, cutting power to the outlets. Reduce the load and press the reset button.

SPECIFICATIONS

Feature	Specification
Brand	Mutaomay
Model Number	EDOG04
Starting Wattage	4000 Watts
Running Wattage	3200 Watts
Engine Type	4 Stroke, 208cc OHV
Fuel Type	Gasoline
Tank Volume	7.5 Liters (approx. 2 Gallons)
Voltage	120 Volts
Item Weight	56 Pounds
Product Dimensions	19"L x 19"W x 15"H
Special Features	Eco Mode, Low Oil Shutoff, Overload Protection

WARRANTY AND SUPPORT

Warranty Information

Please refer to the detailed warranty terms provided in the included owner's manual. Keep your proof of purchase for any warranty claims.

Customer Support

For professional assistance, technical support, or any questions regarding your Mutaomay generator, please contact our dedicated customer support team. We are committed to ensuring a smooth experience for our users.

ASK A QUESTION ABOUT THIS MANUAL

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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.

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