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› Honda EU2200ITAN Portable Inverter Generator User Manual

Honda EU2200ITAN

Honda EU2200ITAN Portable Inverter Generator User Manual

INTRODUCTION

This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your Honda EU2200ITAN portable inverter generator. Please read this manual thoroughly before operating the generator to ensure proper use and to prevent injury or damage.

IMPORTANT SAFETY INFORMATION

Operating this generator safely is crucial. Failure to follow instructions can result in serious injury or death. Always keep this manual with the generator.

- **Carbon Monoxide Hazard:** Generators produce carbon monoxide (CO), a colorless, odorless, poisonous gas. Operating a generator indoors can kill you in minutes. Always operate the generator outdoors in a well-ventilated area, far from windows, doors, and vents.
- **Electrical Shock Hazard:** Never operate the generator in wet conditions. Ensure all electrical connections are dry and properly insulated.
- **Fire Hazard:** Gasoline is highly flammable. Refuel in a well-ventilated area with the engine off and cool. Do not smoke near the generator.
- **Hot Surfaces:** The generator's engine and muffler become very hot during operation and remain hot for a while after shutdown. Avoid touching hot surfaces.

The Honda EU2200ITAN is equipped with a **CO-Minder** system, which continuously monitors carbon monoxide levels and automatically shuts down the generator if detected CO levels near the generator become dangerously high. This feature is an important safety measure but does not replace the need for safe operating practices.

SETUP AND INITIAL PREPARATION

Unpacking and Inspection

Carefully remove the generator from its packaging. Inspect for any shipping damage. Ensure all components listed in the packing list are present. If any damage or missing parts are found, contact your dealer immediately.



Image: Front-side view of the Honda EU2200i TAN portable inverter generator, showcasing its compact red and black design with the Honda logo and control panel visible.

Adding Engine Oil

The generator is shipped without engine oil. It is critical to add the correct amount and type of oil before first use.

1. Place the generator on a level surface.
2. Remove the oil filler cap/dipstick.
3. Add approximately 0.40 US qt (0.38 L) of 10W-30 API service category SJ or later engine oil. Do not overfill.
4. Reinstall the oil filler cap/dipstick securely.

Regularly check the oil level before each use.

Adding Fuel

Use unleaded gasoline with a pump octane rating of 86 or higher. Do not use E85 or gasoline containing more than 10% ethanol.

1. Ensure the engine is off and cool.
2. Move the generator to a well-ventilated outdoor area for refueling.
3. Remove the fuel cap.

4. Fill the fuel tank slowly, up to the red level gauge. The tank capacity is 0.95 US gallons (3.6 liters).
5. Securely replace the fuel cap.

Placement and Ventilation

Always operate the generator outdoors in a well-ventilated area. Position the generator so that exhaust fumes are directed away from people and buildings. Maintain at least 3 feet (1 meter) of clearance around the generator.

Honda My Generator App and Bluetooth

The EU2200ITAN features Bluetooth connectivity for remote operation and monitoring via the Honda My Generator smartphone app.

1. Download the "Honda My Generator" app from your device's app store.
2. Follow the in-app instructions to pair your smartphone with the generator. The Bluetooth module is located on the control panel.
3. The app allows for wireless start/stop, operation monitoring, and service reminders.

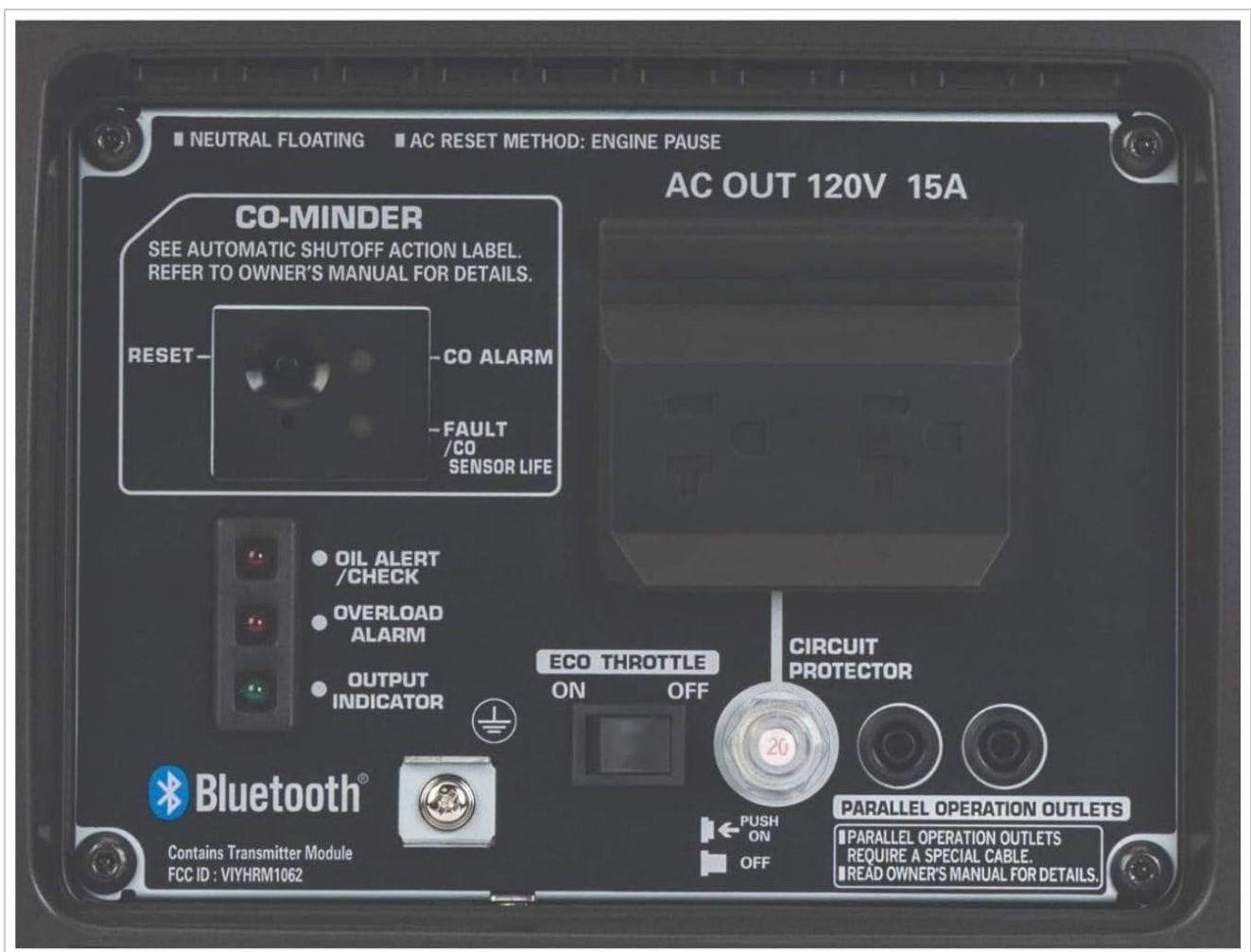


Image: Close-up view of the generator's control panel, highlighting the AC outlet, CO-Minder indicators, circuit protector, Eco-Throttle switch, and Bluetooth pairing button.

OPERATING INSTRUCTIONS

Starting the Engine

1. Ensure the generator is on a level surface and away from any obstructions.
2. Turn the fuel cap vent lever to the "ON" position.
3. Turn the engine switch to the "ON" position.

4. If the engine is cold, move the choke lever to the "CHOKE" position.
5. Pull the starter grip lightly until resistance is felt, then pull briskly. Repeat if necessary.
6. Once the engine starts, gradually move the choke lever to the "RUN" position (if used).

Connecting Electrical Devices

After the engine is running, you can connect your electrical devices. The generator provides 120V AC power.

1. Ensure the total wattage of connected devices does not exceed the generator's running wattage (1800W) or maximum wattage (2200W).
2. Plug devices into the AC outlets.
3. If an overload occurs, the overload alarm indicator will illuminate, and power output will stop. Reduce the load and reset the circuit protector.



Image: A Honda EU2200ITAN generator operating outdoors, connected via an extension cord to power equipment at an event, demonstrating its portable use.

Eco-Throttle System

The Eco-Throttle switch allows the engine speed to automatically adjust to the electrical load, improving fuel efficiency and reducing noise. For maximum power or when starting devices with high initial draw, turn the Eco-Throttle switch to "OFF". For lighter loads, set it to "ON".

Parallel Operation

Two Honda EU2200ITAN generators can be connected in parallel using an optional parallel cable kit to double the available power output. Refer to the parallel kit's instructions for detailed setup.



Image: Two Honda EU2200i generators positioned side-by-side and connected for parallel operation at a campsite, providing power for an RV and outdoor activities.

Stopping the Engine

1. Disconnect all electrical devices.
2. Turn the engine switch to the "OFF" position.
3. Turn the fuel cap vent lever to the "OFF" position.

MAINTENANCE SCHEDULE AND PROCEDURES

Regular maintenance is essential for safe, economical, and trouble-free operation. Refer to the table below for recommended service intervals.

Item	Every Use	First Month / 20 Hrs	Every 3 Months / 50 Hrs	Every 6 Months / 100 Hrs	Every Year / 300 Hrs
Engine Oil	Check Level	Change		Change	
Air Filter			Clean		Replace
Spark Plug				Inspect/Adjust	Replace
Fuel Filter					Inspect

Note: Service more frequently when operating in dusty or dirty conditions.

Storage

For long-term storage (over 1 month), proper preparation is necessary to prevent fuel degradation and engine damage.

1. Drain the fuel tank and carburetor, or use a fuel stabilizer.
2. Change the engine oil.
3. Remove the spark plug and pour a tablespoon of clean engine oil into the cylinder. Rotate the engine a few times, then reinstall the spark plug.
4. Clean the generator exterior.
5. Store in a clean, dry, well-ventilated area.

TROUBLESHOOTING GUIDE

This section addresses common issues you might encounter. For more complex problems, consult a qualified service technician.

Engine Will Not Start

- **No Fuel:** Check fuel level and add fresh gasoline if needed. Ensure fuel cap vent is "ON".
- **No Oil:** Check engine oil level. The low oil alert system will prevent starting if oil is insufficient.
- **Engine Switch OFF:** Ensure the engine switch is in the "ON" position.
- **Choke Position:** For a cold engine, ensure the choke is in the "CHOKE" position.
- **Spark Plug:** Inspect the spark plug for fouling or damage.

No Power Output

- **Circuit Protector Tripped:** Check the AC circuit protector. If tripped, reduce the load and reset it.
- **Overload:** The generator may be overloaded. Reduce the number of connected devices.
- **Eco-Throttle:** Ensure Eco-Throttle is not causing issues with high starting loads. Try turning it "OFF".

CO-Minder Alarm / Shutdown

- The CO-Minder system detects high levels of carbon monoxide. If it shuts down the generator, immediately move the generator to a different, well-ventilated outdoor location.
- Allow the generator to cool down and ventilate for at least 15 minutes before attempting to restart.
- Never operate the generator indoors or in partially enclosed spaces.

TECHNICAL SPECIFICATIONS

Feature	Specification
Model	EU2200ITAN
Engine Type	Honda GXR120
AC Output Voltage	120 Volts
Max AC Output	2200 Watts
Rated AC Output	1800 Watts
Fuel Type	Gasoline
Fuel Tank Capacity	0.95 Gallons (3.6 Liters)
Engine Oil Capacity	0.40 US qt (0.38 L)
Dimensions (L x W x H)	20" x 11.4" x 16.7"
Weight	51 Pounds (23.1 kg)
Special Features	CO-Minder, Eco-Throttle, Bluetooth Connectivity, Parallel Capability



Image: Diagram showing the dimensions of the Honda EU2200ITAN generator: 20 inches long, 11.4 inches wide, and 16.7 inches

high.

WARRANTY AND CUSTOMER SUPPORT

Honda generators are backed by a comprehensive warranty. For specific warranty terms and conditions, please refer to the warranty statement included with your generator or visit the official Honda Power Equipment website.

For technical assistance, parts, or service, please contact an authorized Honda Power Equipment dealer. You can locate your nearest dealer through the Honda website or by calling their customer support line.

When contacting support, please have your generator's model number (EU2200ITAN) and serial number available.