

Linea HD 5500W

Linea HD 5500W Portable Electric Generator User Manual

Model: 5500W | Brand: Linea HD

1. INTRODUCTION

Thank you for choosing the Linea HD 5500W Portable Electric Generator. This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your new generator. Please read this manual thoroughly before operating the generator to ensure proper use and to prevent injury or damage.

This generator is designed to provide reliable power with a real output of 5500 W, featuring 3 x 220/240V single-phase sockets (1000 W per socket) and 1 x 380V three-phase socket (3000 W). It is ideal for various applications including camping, home backup, and use in rural areas.

2. SAFETY INSTRUCTIONS

Your safety and the safety of others are very important. Always follow these safety precautions when operating the generator.

- **Carbon Monoxide Hazard:** Generators produce carbon monoxide, a colorless, odorless, poisonous gas. Operate the generator outdoors in a well-ventilated area, far from windows, doors, and vents. Never operate indoors or in enclosed spaces.
- **Electrical Shock Hazard:** Never operate the generator in wet conditions. Ensure all connections are dry and secure. Do not touch the generator with wet hands.
- **Fire Hazard:** Fuel is highly flammable. Refuel in a well-ventilated area with the engine off and cool. Do not smoke or allow open flames near the generator. Store fuel in approved containers.
- **Overload Protection:** Never connect devices that require more power than the generator can supply. Overloading can damage the generator and connected appliances. The generator includes a three-phase thermal-magnetic safety switch for protection.
- **Low Oil Shutdown:** The generator is equipped with a low oil level ignition safety shutdown feature to prevent engine damage. Always check the oil level before starting.
- **Children and Pets:** Keep children and pets away from the generator during operation.
- **Grounding:** Ensure the generator is properly grounded according to local electrical codes.

3. PRODUCT COMPONENTS AND FEATURES

The Linea HD 5500W generator is designed for portability and ease of use. Key components and features include:

- **Engine:** Robust 4-stroke engine.
- **Fuel Type:** Operates on unleaded gasoline.
- **Starting System:** Rope start (pull start).
- **Power Outlets:** 3 x 220/240V single-phase sockets, 1 x 380V three-phase socket.
- **Safety Features:** Low oil level ignition safety shutdown, three-phase thermal-magnetic safety switch.
- **Portability:** Designed with a sturdy frame for easy transport.



Figure 1: Top-down view of the Linea HD 5500W Portable Electric Generator, showing the fuel cap, control panel, and power outlets.



Figure 2: Angled view of the Linea HD 5500W Portable Electric Generator, highlighting its compact design and protective frame.

4. SETUP

Before first use, or after extended storage, perform the following setup steps:

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, away from any combustible materials and at least 10 feet (3 meters) from any building openings.
3. **Add Engine Oil:** Remove the oil fill cap/dipstick. Add the recommended type and amount of engine oil (refer to specifications for oil type and capacity). Do not overfill.
4. **Add Fuel:** Ensure the engine is off and cool. Open the fuel cap and carefully fill the fuel tank with fresh,

unleaded gasoline. Do not fill above the maximum level indicator. Securely close the fuel cap.

5. **Grounding:** Connect a grounding wire from the generator's grounding terminal to an appropriate ground source, following local electrical codes.

5. OPERATING INSTRUCTIONS

Follow these steps to safely start and operate your generator:

1. Pre-Start Check:

- Check engine oil level.
- Check fuel level.
- Ensure all electrical loads are disconnected from the generator.

2. Start the Engine:

- Turn the fuel valve to the 'ON' position.
- Move the choke lever to the 'CHOKE' position (if the engine is cold).
- Turn the engine switch to the 'ON' position.
- Firmly pull the starter rope until the engine starts.
- Once the engine starts, gradually move the choke lever to the 'RUN' position.

3. **Connect Electrical Loads:** Once the engine is running smoothly, you can connect your electrical devices to the appropriate outlets. Do not exceed the rated wattage for each outlet or the total generator output.

4. Shut Down:

- Disconnect all electrical loads from the generator.
- Turn the engine switch to the 'OFF' position.
- Turn the fuel valve to the 'OFF' position.

6. MAINTENANCE

Regular maintenance ensures the longevity and reliable performance of your generator.

- **Before Each Use:** Check engine oil level and fuel level. Inspect for any visible damage or leaks.
- **Every 25 Hours of Operation or Monthly:** Change engine oil. Clean the air filter.
- **Every 100 Hours of Operation or Annually:** Replace spark plug. Inspect fuel filter. Clean cooling fins.
- **Storage:** For long-term storage, drain the fuel tank and carburetor, or add a fuel stabilizer. Change the engine oil. Store in a clean, dry place.

7. TROUBLESHOOTING

Refer to this section for common issues and their solutions.

Problem	Possible Cause	Solution
Engine does not start	No fuel Low oil level Engine switch OFF Choke not set correctly	Add fuel Add oil Turn engine switch ON Adjust choke lever

Problem	Possible Cause	Solution
No power output	Circuit breaker tripped Overload Loose connections	Reset circuit breaker Reduce connected load Check and secure connections
Engine runs rough	Stale fuel Dirty air filter Faulty spark plug	Drain and refill with fresh fuel Clean or replace air filter Replace spark plug

If problems persist, contact qualified service personnel.

8. SPECIFICATIONS

Specification	Detail
Brand	Linea HD
Model	5500W
Output Wattage	5500 W (Real Power)
Single-Phase Sockets	3 x 220/240V (1000 W/socket)
Three-Phase Socket	1 x 380V (3000 W)
Engine Type	4-stroke
Fuel Type	Unleaded Gasoline
Starting System	Rope Start
Safety Features	Low Oil Level Shutdown, Three-Phase Thermal-Magnetic Safety Switch
Recommended Uses	Camping, Home Backup, Rural Areas
Included Components	Starting cable, Thermal-magnetic switch
Item Weight	454 g (Note: This weight seems unusually low for a 5500W generator and may be a data entry error. Please verify actual product weight.)
Color	Red

9. WARRANTY AND SUPPORT

Specific warranty details are not provided in this manual. Please refer to your purchase documentation or contact the retailer for information regarding warranty coverage and terms.

For technical support or service inquiries, please contact Linea HD customer service or your authorized dealer.

Always provide your product model number (5500W) and ASIN (9862405112) when seeking assistance.