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› [Generac GP3500iO 3,500-Watt Gas Powered Open Frame Portable Inverter Generator - Quieter & Lighter Design with Increased Starting Capacity - Produces Clean, Stable Power - CARB Compliant](#)

Generac 7128

Generac GP3500iO Portable Inverter Generator User Manual

Model: 7128 | Brand: Generac

INTRODUCTION

This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your Generac GP3500iO Open Frame Portable Inverter Generator. Please read this manual thoroughly before operating the generator to ensure proper use and to prevent injury or damage.



Figure 1: Front view of the Generac GP3500iO Portable Inverter Generator, showcasing its control panel and robust frame.

IMPORTANT SAFETY INFORMATION

Always follow safety precautions when operating the generator. Failure to do so can result in serious injury or death.

- **Carbon Monoxide Hazard:** Generators produce carbon monoxide, an odorless, colorless, and poisonous gas. Operate the generator outdoors only, far away from windows, doors, and vents. Never operate indoors or in enclosed spaces.
- **Electrical Shock Hazard:** Do not operate the generator in wet conditions. Ensure all connections are dry and secure. Never connect the generator directly to your home's electrical system without a transfer switch installed by a qualified electrician.
- **Fire Hazard:** Gasoline 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.
- **Hot Surfaces:** The generator's engine and muffler become hot during operation. Avoid contact with hot surfaces to prevent burns. Allow the generator to cool before handling or storing.
- **Moving Parts:** Keep hands, feet, and clothing away from moving parts.
- **Proposition 65 Warning:** This product can expose you to chemicals including carbon monoxide and benzene, which are known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

KEY COMPONENTS

Familiarize yourself with the main components of your Generac GP3500iO generator:

- **Control Panel:** Features the PowerDial (START/RUN/STOP), outlets, circuit breakers, and indicator lights.
- **Fuel Tank:** Located on top, for gasoline.
- **Engine:** The power source of the generator.
- **Recoil Starter:** Used to manually start the engine.
- **Frame:** Durable open frame design for protection and portability.
- **USB Outlets:** For charging sensitive electronic devices.



Figure 2: Side view of the Generac GP3500iO, highlighting its compact design and sturdy frame.

SETUP

Before first use, or after extended storage, proper setup is crucial:

1. **Add Engine Oil:** Locate the oil fill cap/dipstick. Using the provided oil funnel and engine oil, carefully add the correct amount of oil as specified in the owner's manual. Do not overfill.
2. **Add Fuel:** Ensure the generator is on a level surface. Unscrew the fuel cap and fill the tank with fresh, unleaded gasoline. Do not fill above the fill line. Securely replace the fuel cap.
3. **Positioning:** Place the generator on a firm, level surface outdoors, at least 20 feet away from any buildings, windows, or vents. Ensure adequate clearance around the generator for proper ventilation.



Figure 3: The lightweight design of the GP3500iO allows for easy portability and placement during setup.

OPERATING INSTRUCTIONS

Follow these steps to start and operate your Generac GP3500iO:

1. **PowerDial:** Turn the PowerDial to the "CHOKE" position (if the engine is cold).
2. **Start Engine:** Firmly pull the recoil starter handle until the engine starts.
3. **Run Position:** Once the engine starts and runs smoothly, slowly turn the PowerDial to the "RUN" position.
4. **Connect Devices:** Plug in your electrical devices to the appropriate outlets. Ensure the total wattage does not exceed the generator's running wattage.
5. **Economy Mode:** For lighter loads, switch on the Economy Mode to reduce engine speed, save fuel, and lower noise levels.
6. **Shut Down:** To turn off the generator, disconnect all electrical loads, then turn the PowerDial to the "STOP" position.

Your browser does not support the video tag.

Video 1: Official product video demonstrating the features and portability of the Generac GP3500iO Inverter Generator, including its use at a job site and for charging sensitive electronics.



Figure 4: The GP3500iO in operation at a construction site, providing reliable power for various tools.



Figure 5: The generator providing clean, stable power for sensitive electronics in a recreational setting.

Maintenance

Regular maintenance ensures optimal performance and longevity of your generator. Always refer to the full owner's manual for detailed maintenance schedules and procedures.

- **Check Oil Level:** Before each use, check the engine oil level and add if necessary.
- **Change Oil:** Change the engine oil after the first 20 hours of operation, then every 50 hours or annually, whichever comes first.
- **Clean Air Filter:** Inspect and clean the air filter regularly. Replace if damaged.
- **Spark Plug:** Inspect the spark plug annually and replace if worn.

- **Fuel System:** Use a fuel stabilizer if storing the generator for more than 30 days to prevent fuel degradation.

TROUBLESHOOTING

Here are solutions to common issues you might encounter:

Problem	Possible Cause	Solution
Engine will not start	No fuel, low oil, choke not set, old fuel, spark plug issue.	Add fresh fuel, add oil, set choke, drain old fuel and refill, check/replace spark plug.
No power output	Circuit breaker tripped, overload, economy mode engaged with high load.	Reset circuit breaker, reduce load, disengage economy mode for higher loads.
Engine runs rough	Stale fuel, dirty air filter, dirty spark plug.	Drain and refill with fresh fuel, clean/replace air filter, clean/replace spark plug.

If issues persist, consult a qualified service technician or contact Generac customer support.

SPECIFICATIONS

Feature	Detail
Brand	Generac
Model Name	GP3500iO
Item Model Number	7128
Starting Wattage	3500 Watts
Running Wattage	3000 Watts
Fuel Type	Gasoline
Engine Type	4 Stroke
Engine Displacement	212 Cubic Centimeters
Tank Volume	2.37 Gallons
Runtime	11 hours (at 25% load)
Item Weight	74.3 Pounds
Product Dimensions (L x W x H)	19.7" x 16.5" x 16.4"
Voltage	120 Volts
Frequency	60 Hz
Total Power Outlets	4 (various types including USB)
Special Features	Portable, Super Quiet, Low Oil Shutdown, Hour Meter, POWERRUSH Technology



Figure 6: Detailed dimensions of the Generac GP3500iO for planning storage and transport.

WARRANTY AND SUPPORT

For specific warranty details, please refer to the warranty card included with your product or visit the official Generac website. Generac provides customer support for product inquiries, technical assistance, and service needs.

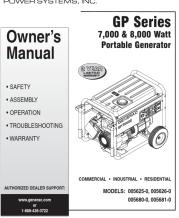
You can often find support resources, FAQs, and contact information on the manufacturer's website or through authorized service centers.

For additional information or to purchase accessories, visit the [Generac Store on Amazon](#).

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Related Documents - 7128

 <p>Generac GP7500E DF Portable Generator: Dual Fuel, COsense Technology, 7500 Watts</p>	<p>Explore the Generac GP7500E DF portable generator. Features dual fuel capability (gasoline/propane), COsense carbon monoxide detection, electric start, PowerRush technology, and 7500 starting watts. Includes detailed specifications, dimensions, and features for reliable power generation.</p>
 <p>Generac iX 2000 Digital Inverter Generator Operator's Manual</p>	<p>Comprehensive operator's manual for the Generac iX 2000 Digital Inverter Generator, covering safety, operation, maintenance, troubleshooting, and warranty information for reliable power generation.</p>
 <p>Generac GP Series Portable Generator Owner's Manual - Safety, Operation, Maintenance</p>	<p>Comprehensive owner's manual for Generac GP Series 7,000 & 8,000 Watt portable generators. Covers safety, assembly, operation, maintenance, troubleshooting, and warranty information.</p>
 <p>Generac GP3300i GP Series Inverter Generator: Features, Specifications, and Control Panel</p>	<p>Explore the Generac GP3300i GP Series Inverter Generator, highlighting its advanced features like COsense® Technology and PowerRush™, detailed specifications, and control panel layout. Learn about its clean power output, portability, and parallel capabilities.</p>
 <p>Generac GP2500i Portable Generator Owner's Manual: Safety, Operation, and Maintenance Guide</p>	<p>Comprehensive owner's manual for the Generac GP2500i Portable Generator. Learn about safe operation, setup, maintenance, troubleshooting, and specifications for your Generac generator.</p>
 <p>PowerBoss 8000 Watt Portable Generator Owner's Manual</p>	<p>Comprehensive owner's manual for the PowerBoss 8000 Watt PowerMaster portable generator by Generac. Covers safety rules, generator identification, assembly, operation, maintenance, storage, troubleshooting, specifications, and warranty information. Includes detailed instructions for safe and effective use.</p>

