

SIOKIUU SIO-PG

SIOKIUU SIO-PG 3200W Portable Inverter Generator User Manual

INTRODUCTION

This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your SIOKIUU SIO-PG 3200W Portable Inverter Generator. Please read this manual thoroughly before using the generator to ensure proper function and safety.

Key Features

- **Extended Runtime:** Up to 22 hours of operation at 25% load or 11 hours at 50% load with a 1.85-gallon fuel tank, featuring ECO mode for enhanced fuel efficiency and parallel function capability.
- **Powerful & Clean Output:** Delivers 3200 peak watts and 2600 running watts of clean power (less than 3% Total Harmonic Distortion), making it safe for sensitive electronics such as laptops, TVs, and mobile devices. Powered by a 120CC 4-stroke engine.
- **Quiet Operation:** Operates at a low noise level of under 65 dBA from 23 feet, ensuring a quiet environment for various applications.
- **Ultra-Lightweight Design:** Weighs approximately 47.07 pounds and includes a convenient carrying handle for easy transport and portability, ideal for camping and outdoor work.
- **Advanced Safety:** Equipped with a CO (Carbon Monoxide) sensor that automatically shuts down the generator if carbon monoxide levels become too high, enhancing user safety.



The SIOKIUU SIO-PG 3200W Portable Inverter Generator, showcasing its compact and robust design.

SETUP

Unboxing and Initial Inspection

Carefully remove the generator and all accessories from the packaging. Inspect for any visible damage. The package should include the generator unit, a spark plug socket wrench, a dual-purpose screwdriver, a funnel, and this user manual.

Video demonstrating the unboxing process and identification of included accessories for the SIOKIUU SIO-PG 3200W Portable Inverter Generator.

Adding Engine Oil

Before the first use, it is critical to add engine oil. This generator requires approximately 0.35 liters of 4-stroke engine oil (SG/SF category). Use the provided funnel to carefully pour the oil into the engine. Do not overfill; refer to the oil fill cap for the correct oil level indication.

Adding Fuel

This generator operates on unleaded gasoline. Use E10 or higher octane fuel. The fuel tank has a capacity of 1.85 gallons (approximately 7 liters). Ensure the tank cap switch is in the 'ON' position for proper fuel flow during operation.

LESS FUEL CONSUMPTION

Longer Running Time



Load Level	Estimated Runtime
25% load	22 hours
50% load	11 hours

Image illustrating the fuel tank capacity and estimated runtime of the SIOKIUU SIO-PG 3200W Portable Inverter Generator at different load levels.

OPERATING INSTRUCTIONS

Control Panel Overview

Familiarize yourself with the control panel components before operating the generator.



Diagram of the SIOKIUU SIO-PG 3200W Portable Inverter Generator control panel, highlighting various switches, sockets, and indicator lights.

- **ECO Switch:** Toggles ECO mode for fuel efficiency.
- **AC 120V Sockets:** Two standard 120V AC outlets for powering appliances.
- **DC 12V Socket:** A 12V DC outlet for charging batteries or powering 12V devices.
- **USB Sockets:** Two USB ports for charging mobile devices.
- **Parallel Sockets:** Connectors for parallel operation with another compatible generator.
- **Ground Protection:** Terminal for grounding the generator.
- **DC Overload Protector:** Resettable breaker for DC output.
- **AC Reset Button:** Resets the AC output after an overload.
- **Indicators:** Lights for CO Overrun, CO Failure, Low Oil, Overload (red), and Running (green).

Starting the Generator

1. Ensure the generator is placed on a level surface, outdoors, and away from any flammable materials or enclosed spaces.
2. Turn the engine switch to the 'ON' position.
3. If starting a cold engine, move the choke lever to the 'CHOKE' position. For a warm engine, the choke may not be necessary.
4. Firmly pull the starter handle until the engine starts.
5. Once the engine starts, gradually move the choke lever back to the 'RUN' position (if the choke was used).

Using the Outlets

After the generator is running, you can connect your electrical devices. Plug your devices into the appropriate AC 120V, DC 12V, or USB sockets. Ensure that the total power consumption of all connected devices does not exceed the generator's running wattage of 2600W to prevent overloading.

Video demonstrating how to use the USB charging port on the SIOKIUU SIO-PG 3200W Portable Inverter Generator to charge a mobile phone.

ECO Mode

The ECO mode switch, when activated, allows the generator to automatically adjust its engine speed based on the electrical load. This feature improves fuel efficiency and reduces operational noise during periods of low power demand. Flip the ECO switch to 'ON' to engage this mode, or 'OFF' for full power output regardless of load.

Parallel Operation

The SIOKIUU SIO-PG 3200W generator is capable of parallel operation, allowing you to connect two compatible SIOKIUU inverter generators together to effectively double the available power output. This is useful for powering larger appliances or multiple devices simultaneously. A separate parallel kit (sold separately) and its specific instructions are required for this setup.



Image showing two SIOKIUU SIO-PG 3200W Portable Inverter Generators connected for parallel operation, providing increased power capacity.

MAINTENANCE

General Maintenance

Regular maintenance is crucial for ensuring the long-term reliability and performance of your SIOKIUU SIO-PG 3200W Portable Inverter Generator. Key maintenance tasks include:

- **Engine Oil:** Check the engine oil level before each use and change it according to the schedule in the complete user manual.
- **Spark Plug:** Inspect the spark plug for wear and carbon buildup. Clean or replace as necessary using the provided spark plug socket wrench.
- **Air Filter:** Regularly inspect and clean the air filter element to ensure proper engine breathing and prevent dust ingress.
- **Fuel System:** Periodically check fuel lines and connections for leaks or damage. Drain the fuel system for long-term storage.

Refer to the comprehensive user manual for detailed maintenance schedules and step-by-step instructions for each procedure.

TROUBLESHOOTING

Common Issues and Solutions

- **Generator Shuts Down Due to CO Sensor:** If the CO sensor detects high levels of carbon monoxide, the generator will automatically shut down for safety. Immediately move the generator to a well-ventilated outdoor area and allow it to cool down before attempting to restart.
- **Overload Indicator (Red Light) Illuminates:** This indicates that the generator is being overloaded, meaning the total power demand from connected devices exceeds its capacity. Disconnect some of the electrical devices and then press the AC reset button before attempting to restart or reconnect devices.
- **Low Oil Indicator (Yellow Light) Illuminates:** The yellow light signals that the engine oil level is too low. Shut down the generator immediately to prevent engine damage. Add the correct type and amount of engine oil as specified in the manual.
- **Engine Fails to Start:** Check the fuel level, ensure the engine switch is 'ON', and the choke is set correctly for a cold start. Verify that there is sufficient engine oil.

SPECIFICATIONS

Feature	Specification
Brand	SIOKIUU
Model Name	SIO-PG
Wattage (Peak)	3200 watts
Wattage (Running)	2600 watts
Fuel Type	Gasoline
Power Source	Fuel Powered
Engine Type	4 Stroke

Feature	Specification
Engine Displacement	120 Cubic Centimeters
Tank Volume	1.85 Imperial Gallons
Product Dimensions (L x W x H)	19.69"L x 11.22"W x 19.69"H
Item Weight	51.9 pounds
Total Power Outlets	3 (AC 120V, DC 12V, USB)
Special Features	Portable, Super Quiet, CO Sensor
Material	Metal, Plastic, Copper
Ignition System Type	Recoil start
UPC	662987288934

WARRANTY AND SUPPORT

The SIOKIUU SIO-PG 3200W Portable Inverter Generator is backed by a 3-year manufacturer's warranty, ensuring coverage against defects in materials and workmanship under normal use. For technical assistance, warranty claims, or any product-related inquiries, please contact SIOKIUU customer service. Detailed contact information can typically be found on the product packaging or the official SIOKIUU website.

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