

A-iPower SUA9000E

A-iPower 9,000-Watt Gasoline Powered Electric Start Generator

Model: SUA9000E

1. INTRODUCTION

This manual contains important information for the proper operation and maintenance of your A-iPower 9,000-Watt Gasoline Powered Electric Start Generator. Please read this manual thoroughly before operating the generator to ensure safe and efficient use. Keep this manual for future reference.

2. SAFETY INFORMATION

WARNING: Generators produce carbon monoxide, a colorless, odorless, poisonous gas. Operating a generator indoors can kill you in minutes. Always operate the generator outdoors and far away from windows, doors, and vents.

This product can expose you to chemicals including lead and lead compounds, 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.

General Safety Precautions:

- Read and understand all instructions before operating the generator.
- Never operate the generator in an enclosed area.
- Keep children and pets away from the generator.
- Do not refuel a hot or running engine. Allow the generator to cool before adding fuel.
- Ensure proper grounding of the generator.
- Wear appropriate personal protective equipment (PPE) when operating or servicing.

3. WHAT'S IN THE BOX

Your A-iPower SUA9000E generator package includes the following components:

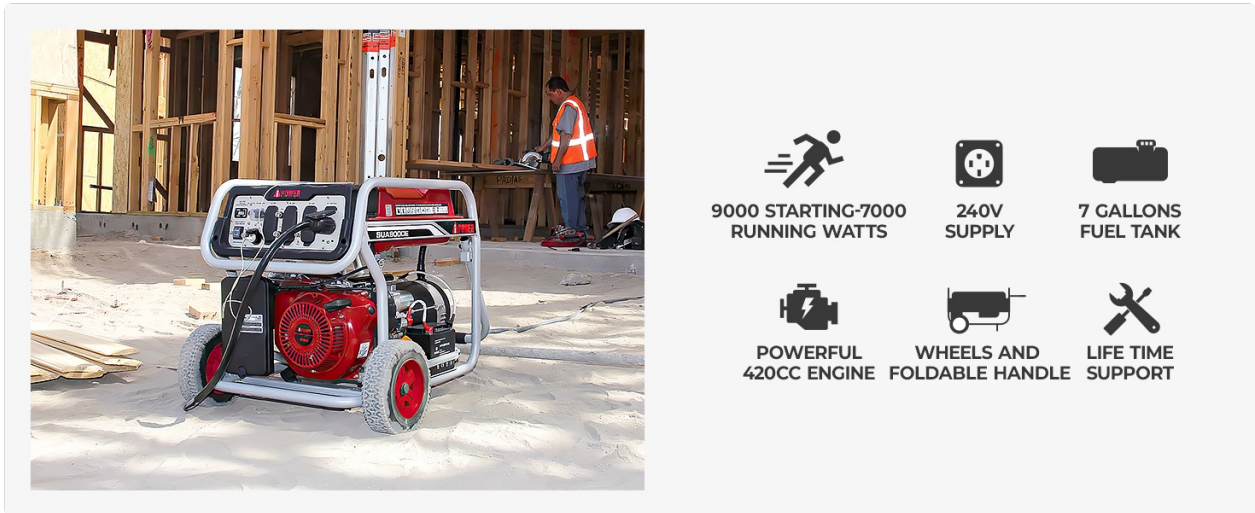


Image: Components included with the A-iPower SUA9000E generator.

- A-iPower 9,000-Watt Generator (SUA9000E)
- Owner's Manual
- Engine Oil
- Quick Start Guide
- Tool Kit
- Battery (Lead Acid)
- 12V DC Charging Battery Cable
- Wheel Kit (for assembly)

4. SETUP AND ASSEMBLY

4.1 Unpacking and Inspection

Carefully remove the generator and all components from the packaging. Inspect for any shipping damage. If any damage is found, contact customer support immediately.

4.2 Wheel Kit and Handle Assembly

Attach the wheels and support legs to the generator frame using the provided hardware. Install the foldable handle for easy maneuverability. The generator is designed with a built-in handle and 9-inch solid never-flat tires for portability.



Image: Fully assembled A-iPower SUA9000E generator.

4.3 Adding Engine Oil

The generator features a 420cc engine with splash lubrication. Before first use, and after every 5 hours of break-in operation, add the recommended engine oil to the crankcase. The generator includes a low-oil level shutdown feature that automatically safeguards the engine from damage.

4.4 Adding Fuel

Fill the 7-gallon fuel tank with fresh, unleaded gasoline. Do not overfill the tank. Ensure the fuel cap is securely tightened after refueling.

4.5 Connecting the Battery

Connect the included 12V lead-acid battery to the generator's electric start system. Ensure correct polarity when connecting the battery terminals.

5. OPERATING INSTRUCTIONS

5.1 Pre-Start Checklist

- Generator is on a level surface.
- Sufficient oil level.

- Sufficient fuel level.
- All circuit breakers are in the 'OFF' position.
- No loads are connected to the outlets.

5.2 Starting the Generator (Electric Start)

1. Turn the fuel valve to the 'ON' position.
2. Move the choke lever to the 'CHOKE' position (if engine is cold).
3. Press and hold the electric start button.
4. Once the engine starts, slowly move the choke lever to the 'RUN' position.
5. Allow the generator to warm up for a few minutes before connecting loads.

5.3 Connecting Electrical Loads

The generator features an easy-reach control panel with a meter that tracks volts, frequency, and hours. Once the generator is running smoothly, you can connect your electrical devices to the appropriate outlets. Ensure the total wattage of connected devices does not exceed the generator's running wattage (7250 Watts).



Image: Front view of the generator, highlighting the control panel.

5.4 Stopping the Generator

1. Disconnect all electrical loads from the generator.

- 2. Turn the engine switch to the 'OFF' position.
- 3. Turn the fuel valve to the 'OFF' position.

6. MAINTENANCE

Regular maintenance is crucial for the longevity and optimal performance of your generator. Refer to the maintenance schedule in the full owner's manual for detailed intervals.

6.1 Engine Oil Change

Change the engine oil after the initial 5 hours of operation (break-in period), and then according to the maintenance schedule. This ensures proper lubrication and extends engine life.

6.2 Air Filter Inspection and Cleaning

Regularly inspect the air filter. Clean or replace it as necessary to ensure proper airflow to the engine.

6.3 Spark Plug Inspection

Inspect the spark plug for wear and proper gap. Replace if necessary.

6.4 Storage

For long-term storage, drain the fuel tank and carburetor, or add a fuel stabilizer. Store the generator in a clean, dry area.

7. TROUBLESHOOTING

This section provides solutions to common operational issues. For more complex problems, consult a qualified service technician.

Problem	Possible Cause	Solution
Engine will not start	No fuel, low oil, choke not set, battery low (for electric start)	Add fuel, add oil, adjust choke, charge/check battery
No power output	Circuit breaker tripped, overload, faulty connection	Reset breaker, reduce load, check connections
Engine runs rough	Stale fuel, dirty air filter, fouled spark plug	Drain/replace fuel, clean air filter, clean/replace spark plug

8. SPECIFICATIONS

Detailed technical specifications for the A-iPower SUA9000E Generator:

Specification	Value
Brand	A-iPower
Model Name	SUA9000E
Starting Wattage	9000 Watts
Running Wattage	7250 Watts
Engine Displacement	420 cc
Fuel Type	Gasoline
Tank Volume	7 Gallons
Runtime (at 50% load)	Up to 8.5 hours
Voltage	120 Volts
Frequency	60 Hz
Item Weight	202 Pounds
Product Dimensions (L x W x H)	20" x 27.5" x 23"
Special Feature	Electric Start
Battery Type	Lead Acid
Material	Steel
UPC	851217006107



Image: Generator dimensions for planning placement and storage.

9. WARRANTY AND SUPPORT

9.1 Warranty Information

This A-iPower generator comes with a **2-year warranty** from the date of purchase. Please retain your proof of purchase for warranty claims. The warranty covers defects in materials and workmanship under normal use.

9.2 Customer Support

For technical assistance, parts, or warranty inquiries, please contact A-iPower customer support. You can find contact information on the A-iPower official website or through your retailer.