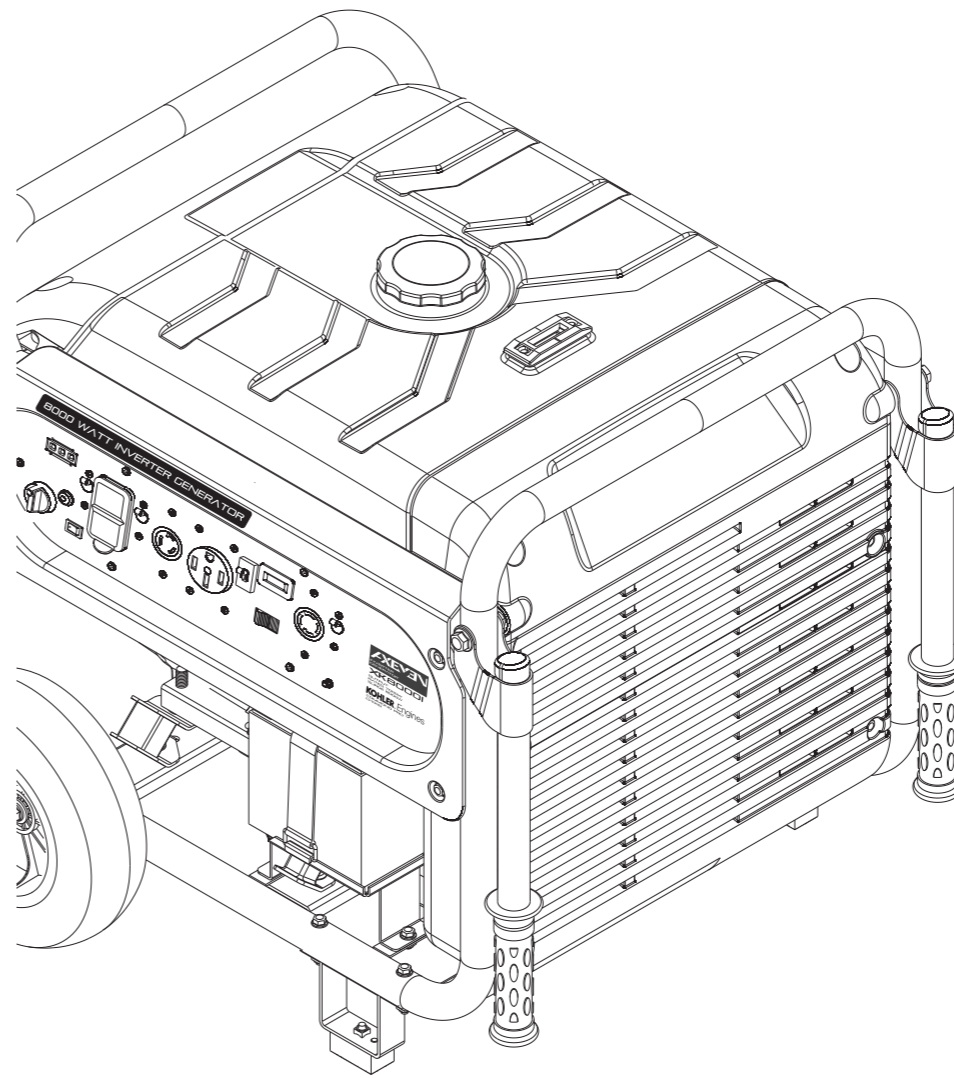




AXEMEN POWER, INC.



INVERTER GENERATOR USER MANUAL

Model: AX8000i
4-Stroke Engine

Original instructions

Thanks for your purchasing Axemen Power Generator

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- It is prohibited from reproducing, transferring, distributing any content in the manual without a written approval from Axemen Power, Inc.
- “Axemen” and “**AXEMEN**” are respectively trade mark and registered trade mark of Axemen Power, Inc.
- This manual is a guide of how to correctly operate the generator, please read carefully before using the generator. Correct and safe operation will assure your safety and extend the working life of generator.
- Axemen will continuously innovate and develop its products both in design and quality, therefore, could be some differences between the product and the manual, please contact customer service if you there have any questions regarding any differences you observe.
- Take this manual as a part of the generator. If the generator is resold, it is required to take the manual alone with the generator.
- Please contact customer service if you have any questions or doubts about its' operation and maintenance.

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To ensure personal and property safety, please carefully read the following information.

1. SAFETY INFORMATION

Always check the oil level and fuel level before starting generator, and obey all safety warnings.













WARNING

- Read and understand the user manual before using the generator.
- Follow all safety and warning label instructions. NOT following instructions or using poor judgement when using and maintaining your generator can cause you or someone else to be **KILLED** or **SERIOUSLY INJURED**.
- The engine emissions contain poisonous carbon monoxide. Only use the generator in a properly ventilated outdoor environment. **NEVER OPERATE GENERATOR INDOORS!**
- Gasoline is highly flammable and can be explosive, so use extreme caution when refueling and operating your generator.
- Your generator produces significant electrical power. It could cause electric shock or even electrocution if not used properly. Always properly ground your generator.

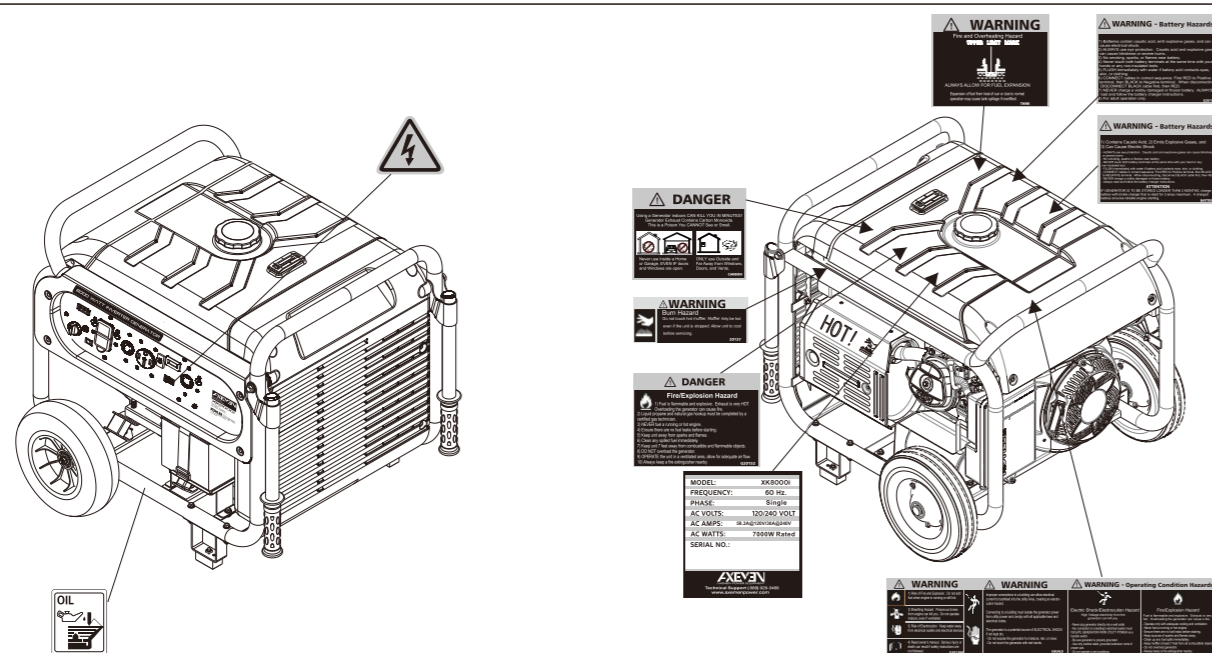
- Do not connect your generator to a building electrical system unless the proper isolation switch is used and has been installed by a qualified electrician.
- Do not touch the hot muffler while the generator is operating. The muffler becomes very hot and can burn you.
- Children and pets must be kept away from the operating area of the generator.
- Do not operate with wet hands and do not expose the generator to rain, snow, or moisture.
- Keep you generator at least 7 ft. or 2 m away from building and other equipment.
- Do not smoke or allow sparks or flames near your generator when refueling.
- Major repair work should be carried out after the generator has completely cooled and only by professionally trained person.
- Do not use the generator in underground working environments.
- Do not use the generator in potentially explosive atmospheres.
- Use personal protective equipment: glove, mask, earplugs, when you operate or maintain the generator.

SAFETY LABEL:

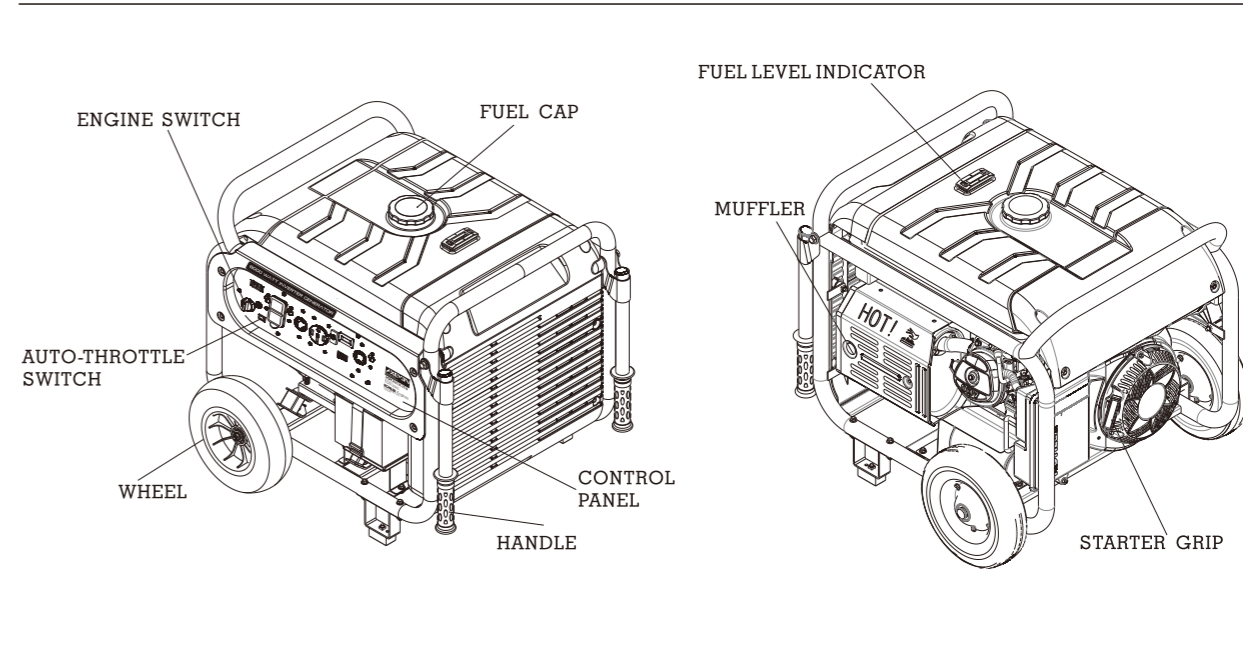
Please read, understand, and obey all of the safety labels on your generator and follow the instructions in this manual.

 WARNING		 WARNING		 WARNING - Operating Condition Hazards	
	<p>1) Risk of Fire and Explosion. Do not add fuel when engine is running or still hot.</p>		<p>Improper connections to a building can allow electrical current to backfeed into the utility lines, creating an electrocution hazard.</p>		
	<p>2) Breathing Hazard. Poisonous fumes from engine can kill you. Do not operate indoors, even if ventilated.</p>		<p>Connecting to a building must isolate the generator power from utility power and comply with all applicable laws and electrical codes.</p>	<p>Electric Shock/Electrocution Hazard High Voltage electricity from the generator can kill you.</p> <ul style="list-style-type: none"> - Never plug generator directly into a wall outlet. - Any connection to a building's electrical system must ISOLATE GENERATOR FROM UTILITY POWER via a transfer switch. - Be sure generator is properly grounded. - Use only outdoor-rated, grounded extension cords of proper size. - Do not operate in wet conditions. 	
	<p>3) Risk of Electrocution. Keep water away from electrical outlets and electrical devices.</p>		<p>The generator is a potential source of ELECTRICAL SHOCK if not kept dry.</p> <ul style="list-style-type: none"> - Do not expose the generator to moisture, rain, or snow. - Do not touch the generator with wet hands. 	<p>Fire/Explosion Hazard Fuel is flammable and explosive. Exhaust is very hot. Overloading the generator can cause a fire.</p> <ul style="list-style-type: none"> - Operate only with adequate cooling and ventilation. - Never fuel a running or hot engine. - Ensure there are no fuel leaks before starting. - Keep sources of sparks and flames away. - Clean up any fuel spills immediately. - Keep muffler at least 7 feet from all combustible objects. - Do not overload generator. - Always keep a fire extinguisher nearby. 	
	<p>4) Read owner's manual. Serious injury or death can result if safety instructions are not followed. G201388</p>				<p>G201389</p>

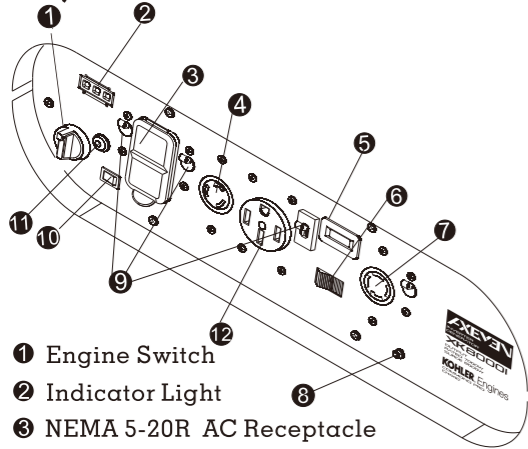
2. SAFETY LABEL LOCATIONS



3. COMPONENTS IDENTIFICATION



3.1) Control Panel

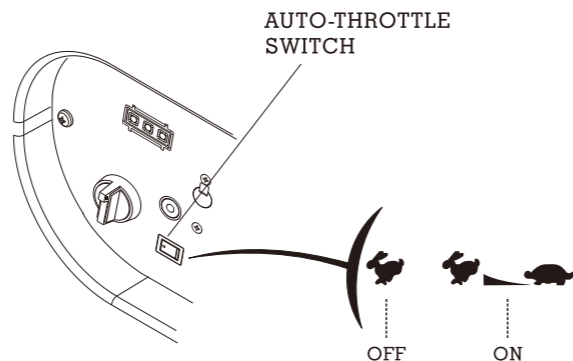


- 1 Engine Switch
- 2 Indicator Light
- 3 NEMA 5-20R AC Receptacle
- 4 NEMA L5-30R AC Receptacle
- 5 Hour meter
- 6 Voltage Selector Switch
- 7 NEMA L14-30R AC Receptacle
- 8 Ground Terminal
- 9 AC Circuit Breaker
- 10 Auto-Throttle Switch
- 11 RESET
- 12 NEMA 14-50R AC Receptacle

3.2) Auto-throttle Switch

“ON” (↔)

- When the Auto-Throttle Switch is turned to “ON” (↔), the generator will automatically adjust the engine output to the electrical load demand. It is recommended to turn this “ON” if intermittent smaller loads will be required, this will minimize fuel consumption.
- The “OFF” (↔) is recommended for continuous large electrical load demands.



NOTE

- Turn the Auto-Throttle Switch to the “OFF” (↔) position when a high demand AC load appliance is connected to the generator to minimize voltage variations.

“OFF” (↔)

When the Auto-Throttle Switch is in the “OFF” (↔) position engine runs at high speed.

3.3) AC Circuit Breaker

- While the generator is running, the breaker should be put in the “ON” position. If the current has exceeded its limits, it will automatically be switched to “OFF” position.

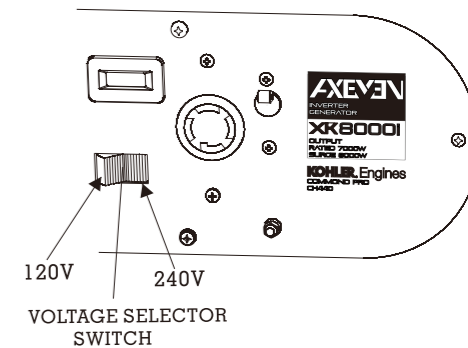
NOTE

- For protection condition, the output indicator light (green) is off, and the overload indicator light (red) is on.

3.4) Voltage Selector Switch

- The voltage selector switch controls the voltage output from the generator. The generator will only output one voltage at a time. The operator must select the proper voltage to correspond to the appliance voltage being powered.

- When the Voltage Selector Switch turn to 120V position, the 3 4 12 receptacles will provide 120V output, but the 7 receptacle will be disabled.
- When the Voltage Selector Switch turn to 240V position, only the 7 receptacle will provide 240V output, but the 3 4 12 receptacles will be disabled.



3.5) Reset

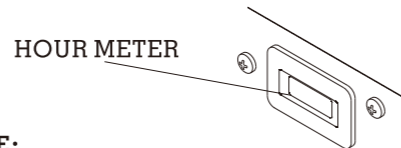
- Under the condition of protection, the overload indicator light (red) is on, the "RESET" button can recover the output of the generator, and unnecessary to restart engine overall.
- Press and hold the "RESET" button for one second, until the overload indicator light (red) will be off, and output indicator light (green) will be on.
- Under the non-overloading condition, the "RESET" is supposed to be ineffective.



NOTE

- For protection condition, the output indicator light (green) is off, and the overload indicator light (red) is on.

3.6) Hour-meter



NOTE:

- For some models, the generator provides the hour-meter to display the engine cumulative working time.

Running Indicator:

when the hour-meter is normal operated, the accumulative time will flash.

The min. Scale: 0.1h

The max. Scale: 9999h

NOTE:

- The hour-meter will provide the information to replace oil: every accumulative 100h, the hour-meter will display "Time" and "check oil" alternately.

4. PRE- OPERATION CHECK



Be sure the generator is on the leveled surface and the generator is stopped.

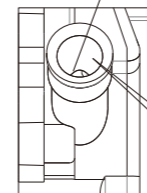
4.1) Check Oil Level

Remove the oil dipstick and cap, fill the specified amount of the recommended oil, and then tighten the oil dipstick and cap.

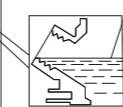
NOTE

- Do not tilt the generator when adding engine oil. This could result in overfilling and damage to the engine.

OIL FILLER HOLE



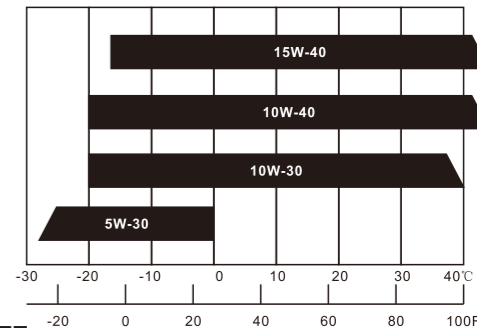
UPPER LEVEL



Oil Capacity: 1.3L
(1.37 U.S. qt.)

NOTE

- Checking oil level, refer to engine owners manual for all maintenance and operation of the engine.
- Do not use poor quality oil, it will reduce engine life and void warranty.
- Use only high quality 4 stroke synthetic blended engine oils certified to meet or exceed API standards: SG, SF, SAE.



NOTE

Carefully use and store the engine oil, avoid getting dirt or dust into the engine oil.

Mixing different kinds of engine oil is prohibited.

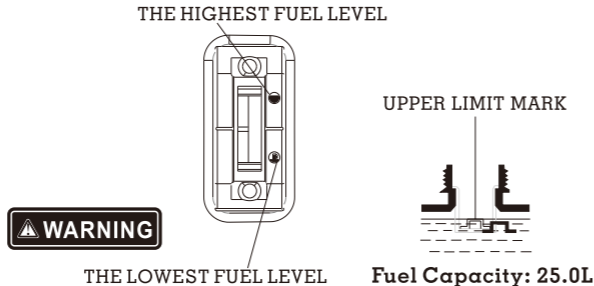
NOTE

- Running the generator with low oil will damage the engine.
- Before the engine oil reduces below the safety margin, low oil alert system will shut down the engine automatically.
- To avoid the inconvenience caused by unexpected stopping, you should always check the engine oil level before starting.

4.2) Check Fuel Level

Fuel must meet these requirements:

- Clean, fresh, unleaded gasoline. Do not add oil to gasoline. Do not use gasoline older than 30 days
- Octane rating of 87 (R+M)/2 or higher. Research Octane Number (RON) 90 octane minimum.
- Gasoline up to 10% ethyl alcohol unleaded is acceptable. Methyl Tertiary Butyl Ether (MTBE) and unleaded gasoline blend (max 15% MTBE by volume) are approved.



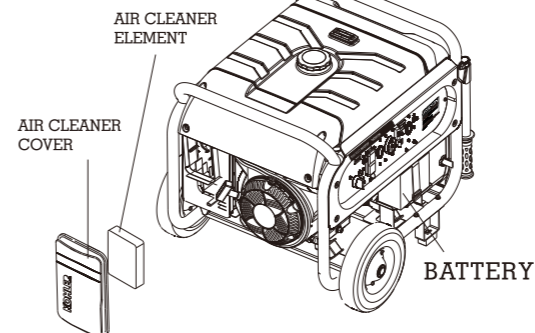
WARNING

- Gasoline is highly explosive and flammable use extreme caution when refueling.
- Turn off generator and let cool completely before refueling.
- Do not overfill the fuel tank (no fuel above the red upper limit mark). After refueling, make sure the fuel cap is closed properly and securely, wipe up any spilled fuel.
- Do not start the generator until all fuel is properly stored and cleaned/evaporated from around the generator
- Avoid gasoline contact with skin or breathing the fuel vapor.
- KEEP OUT OF REACH OF CHILDREN.

4.3) Check The Air Cleaner

Check the air cleaner element to be sure it is clean and in good condition.

a. Loosen the air filter cover screw, and remove the cover.



b. Check the element, clean or replace it, if necessary.

NOTE

- Do not run engine without air cleaner element, otherwise you will void the warranty.

4.4) Check The Battery

- Connect red wire to battery "+" positive pole, connect black wire to battery "-" negative pole.
- Install battery belt.

NOTE

- Recheck red wire to positive "+" terminal and black wire to the negative "-" terminal.
- Make sure battery terminals are securely fastened.
- Install battery properly to check the wiring diagrams on page 32.

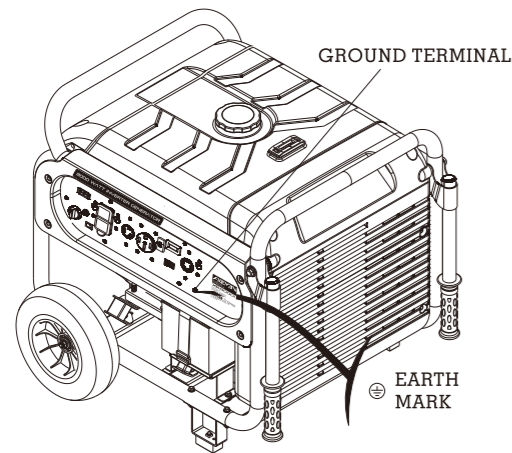
WARNING

- The battery can contain caustic acid, emit explosive gases, and can cause electrical shock. Keep the battery away from spark/fire.
- Always use eye protection and protective gloves when working around the battery. Caustic acids and explosive gases can cause blindness and severe burns.
- If battery electrolyte gets into eyes, skin, or clothing, flush thoroughly with warm water for 15min, and call a doctor immediately.
- For adult operation only. Never touch both battery terminals at the same time with your hand or a non-insulated tool.

4.5) Ground The Generator

⚠ WARNING

- Be sure to properly ground the generator.
- Any connection to a building's electrical system must **ISOLATE GENERATOR FROM UTILITY POWER** via a transfer switch. Contact a qualified electrician to properly connect this generator to a building.



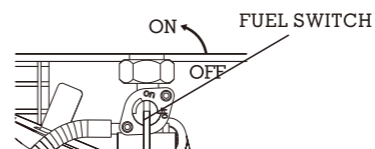
NOTE

- The grounding system is not connected to the AC neutral wire.
- Neutral floating for AC system.

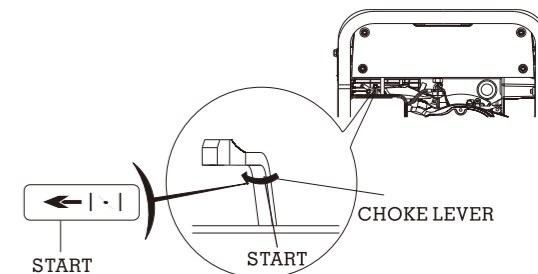
5. STARTING THE ENGINE

NOTE

- Place generator on flat surface outdoors and disconnect any load at the receptacles.
- Follow all safety and warning label instructions.
- Turn fuel switch knob to "ON" position and wait for 30 seconds for fuel to fill the fuel line.

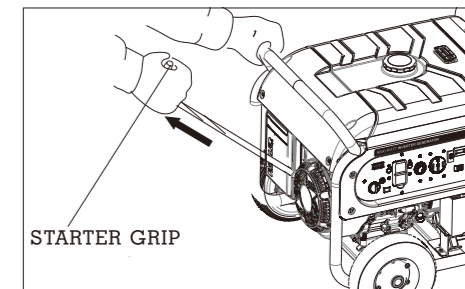


- For cold starting of the engine. Turn choke lever to "OFF/START" position. Choke is not required for warm engine start.



5.1) Recoil Starter

- Pull the starter grip slowly until it is engaged, then pull it quickly.



NOTE

- Once the engine is running, slowly move the choke lever to the "ON/RUN" position.
- Return the starter grip slowly by hand. Do not allow the starter grip spring back quickly.

NOTE

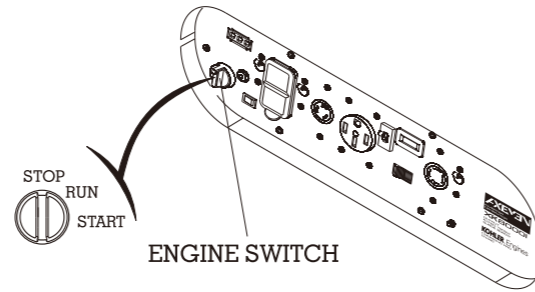
- If the generator stops and can not restart, check the oil level.

5.2) Electrical Starter

- Turn engine switch to "START" position, after starting, it will automatically return to "RUN" position.

NOTE

- When starting, engine switch should not stay "START" position more than 5 seconds.
- After starting, do not turn engine switch to "START" position, this will damage the starter.
- Once the engine has started, slowly move the choke lever to the "ON/RUN" position.



Carburetor Modification for High Altitude Operation

At high altitude, the standard carburetor air-fuel mixture will be too rich. Performance will decrease, and fuel consumption will increase. A very rich mixture will also foul the spark plug and cause hard starting.

Refer to the engine owners manual and if any changes need to be made for altitude, please contact a Kohler service center or Axemen customer service for more information.

If the generator always operates at altitude above 1219 meters (4000 ft.), contact Axemen Power Service, or find a Kohler authorized dealer, or call (888)929-3468

Generator output power should be modified according to the altitude and ambient temperature.

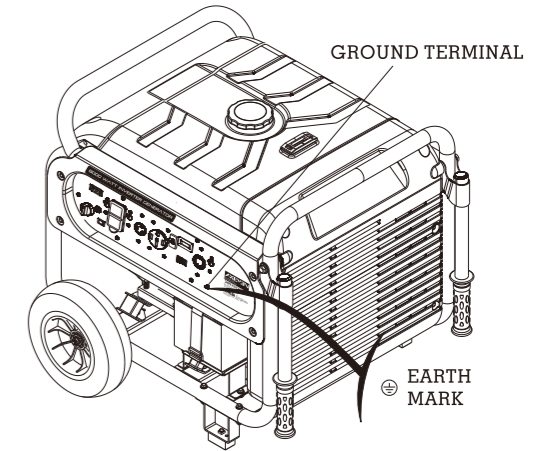
WARNING

- If the carburetor has been modified for high altitude operation, the air-fuel mixture will be too lean for low altitude use. Operation at low altitude may cause the engine to overheat and result in serious engine damage. The carburetor needs return to original specifications.

6. GENERATOR USE

WARNING

- Be sure to ground the generator when the connected electrical appliance is grounded.
- Do not connect to the utility electrical system, unless you have a qualified electrician install an approved transfer switch to isolate the generator from the utility electrical system.



WARNING

- For continuous operation, do not exceed the rated out-put power of generator.
- Do not make parallel connection with other generators.
- Do not connect an extension to the exhaust pipe.
- When an extension cable is required, be sure to use a tough rubber sheathed flexible cable (according to IEC245 or equivalent standards).
- Keep away from other electric cables or wires.

6.1) DC Application

6.1.1) The DC wire is optional, please contact garyyungchou@gmail.com or call Axemen Power at (888)929-3468 to learn how to purchase the proper cable.

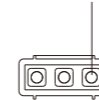
6.1.2) Before using the DC output make sure the overload indicator light(red) is off.

- If the overload indicator light(red) is on, please stop generator, check what is causing the fault that overloaded the generator, correct the fault and then restart and reconnect the DC output.

OVERLOAD INDICATOR LIGHT(RED)



OUTPUT INDICATOR LIGHT (GREEN)



6.2) AC applications

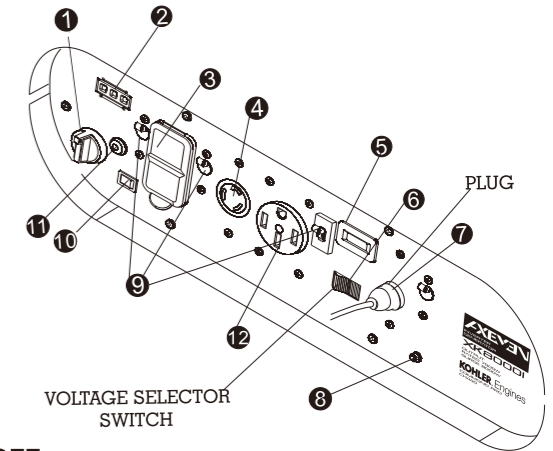
6.2.1) Start the generator and make sure the output indicator light (green) is on.

6.2.2) Confirm all electrical appliances are switched off, and connect the appliance plugs to the appropriate generator receptacle.

6.2.3) Confirm the appliance operating voltage and select the corresponding voltage on the voltage selector switch.

NOTE

- Breaking in a new generator. To obtain the best working and longest working life of the generator, a new generator is supposed to run at 50% rated load for the first 20 hours.



NOTE

- Confirm all electrical appliances are in good working condition before connecting them to the generator. If an electrical appliance becomes abnormal, sluggish, or stops suddenly, shut off the generator engine immediately, and disconnect the appliance.
- Do not exceed the rated output of the generator, this will overload the generator and trip the circuit breakers.
- The 4 receptacle's provides 120V voltage and the max 3.6kVA output.

- The ③ receptacles provide 120V voltage. The max output is 2.4kVA.
 - The ⑦ receptacle provides 240V voltage and the max output is 7.0kVA.
 - The ⑫ receptacles provide 120V voltage. The max output is 6.0kVA
- Output voltage selection between 120V --240V is done via the Voltage Selector Switch. When the voltage Selector Switch turn to 240V position, only the ⑦ receptacle will provide 240V output. When the Voltage Selector Switch turn to 120V position, the ③ ④ ⑫ receptacles will provide 120V output.

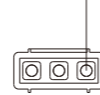
6.3) Output and Overload Indicator

In normal operating, output indicator light (green) will remain on. If the overload indicator light (red) is on, disconnect the electrical appliances, then stop the engine, wait a minute, and restart the generator. If the overload indicator light (red) is off and the output indicator light (green) is on, reconnect the electrical appliances. Otherwise stop the engine and check the generator.

OVERLOAD INDICATOR LIGHT (RED)



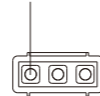
OUTPUT INDICATOR LIGHT (GREEN)



6.4) Oil alert system

The oil alert system is designed to prevent engine damage caused by an insufficient amount of oil in the crankcase. Before the oil level in the crankcase falls below a safe limit, the oil alert system will automatically shut down the engine (the engine switch remains in the "RUN" position). If the oil alert system shuts down the engine, the oil alert indicator light (red) will turn on and the engine will not start.

OIL ALERT INDICATOR LIGHT (RED)

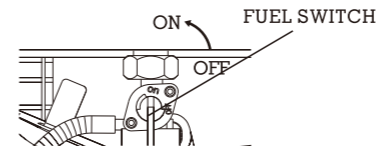


7. SHUT DOWN GENERATOR

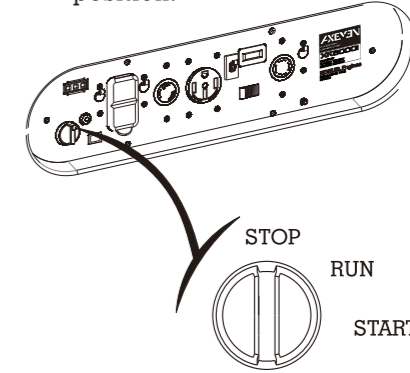
In normal conditions shutting down the generator should be done by the following procedure:

7.1) In normal conditions

- 7.1.1) Switch off the connected electrical appliances, and pull out their plugs.
- 7.1.2) Turn the fuel switch to the "OFF" position, let the engine run out of fuel. This will extend the life of the fuel delivery systems seals and gaskets.



- 7.1.3) Turn the fuel switch to the "STOP" position.



7.2) In emergency conditions

- 7.2.1) To shut down the generator in an emergency, turn the engine switch to the "STOP" position.
- 7.2.2) Switch off the connected electrical appliances, and pull out their plugs.
- 7.2.3) Turn fuel switch to the "OFF" position.

8.MAINTENANCE

The purpose of the maintenance and adjustment schedule is to keep the generator in the best operating condition.



Shut down the generator before performing any maintenance and let it cool down completely.

Use only genuine Axemen Power parts and recommended fluids to replace the wear components.

8.1) Emission Control System

Emission source

Exhaust gas contains carbon monoxide, nitrogen oxides (NO_x), and hydrocarbons. It is very important to control the emissions of NO_x and hydrocarbons as they are a major contributor to air pollution. Carbon monoxide is a poisonous gas. The emission of fuel vapors is a source of pollution as well. The Axemen Power generator engine utilizes a precise air-fuel ratio and

emission control system to reduce the emissions of carbon monoxide, NO_x, hydrocarbons, and evaporative fuel emissions.

Regulation

Your engine has been designed to meet current Environmental Protection Agency (EPA) and the California Air Resources Board (CARB) clean air standards. The regulations dictate that the manufacturer provides operation and maintenance standards regarding the emission control system. Tune up specifications are provided in the Specifications section and a description of the emission control system may be found in the appendix to this manual. Adherence to the following instructions will ensure your engine meets the emission control standards.

Modification

Modification of the emission control system may lead to increased emissions. Modification is defined as the following:

- Disassembling or modifying the function or parts of the intake, fuel or exhaust system.
- Modifying or destroying the speed governing function of the generator.

Engine faults that may affect emission

Any of the following faults must be repaired immediately. Consult with your authorized Axemen Power service center for diagnosis and repair:

- Hard starting or shut down after starting.
- Unstable idle speed.
- Shut down or backfire after applying an electrical load.
- Backfire or after fire.
- Black smoke and/or excessive fuel consumption.

Replacement parts and accessories

The parts making up the emission control system in your Axemen Power product's engine have been specifically approved and certified by the regulatory agencies. You can trust that the replacement parts supplied by Axemen Power customer service have been manufactured to the same production standard as the original parts. The use of replacement parts or accessories which are not designed by Axemen Power may negatively affect the engine emission performance. Therefore only use replacement parts and accessories from a qualified Axemen Power service center to guarantee that the replacement products will not adversely affect emission performance. Replacement parts other than those from a authorized Axemen Power service center will void the warranty.

Air Index

(Models certified for sale in California)

An Air Index Information hang tag/label is applied to engines certified to an emission durability time period in accordance with the requirements of the California Air Resources Board.

The bar graph is intended to provide you, our customer, the ability to compare the emissions performance of available engines. The lower the Air Index, the less pollution.

The durability description is intended to provide you with information relating to the engine's emission durability period. The descriptive term indicates the useful life period for the engine's emission control system.

The Air Index Information hang tag must remain on the generator until it is sold. Remove the hang tag before operating the generator.

Maintenance Schedule

Maintain the generator according to the maintenance schedule in this section and as specified in the engine owners manual. Service items more frequently when used in dusty areas, or under conditions of high load, temperature, and humidity.

Regular Service Period (3)		Each use	First month or 5 hrs.	Every 3 months or 50 hrs.	Every 6 months or 100 hrs.	Every 2 years or 300 hrs.
Item						
Engine oil	Check level	○				
	Change		○		○	
Air cleaner element	Check	○				
	Clean			○+(1)	○	
	Replace				○	○
Spark plug	Check-adjust				○	
Spark plug	Replace					○
Spark arrester					○	
Valve Clearance	Check-adjust					○+(2)
Combustion Chamber	Clean	After every 300 hrs(2)				
Fuel tank& filter	Clean	After every 300 hrs(2)				
Fuel line	Check	Every 2 years (Replace if necessary)(2)				

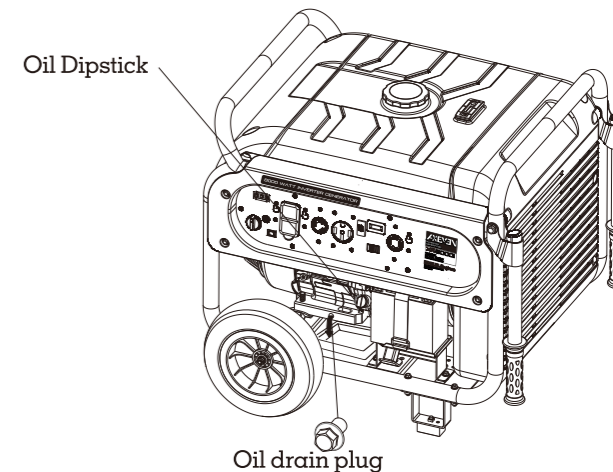
NOTE

- (1) Service more frequently when used in dusty areas.
- (2) These items should be serviced by your servicing dealer, unless you have the proper tools and are mechanically proficient. Refer to Axemen Power manual for service procedures.
- (3) For commercial use, long hours of operation to determine proper maintenance intervals.

8.2) Change Oil

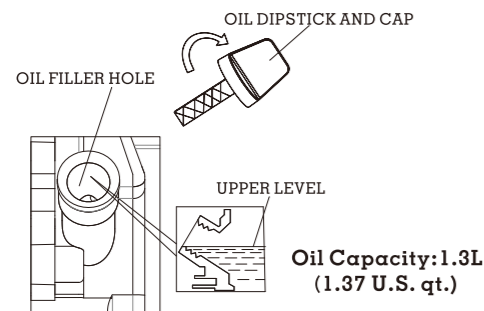
Use protective gloves and drain the oil rapidly and completely while the engine is still warm.

- 8.2.1) Unhook the battery belt, and remove the battery.
- 8.2.2) Remove the dipstick from the engine.
- 8.2.3) Remove the oil drain plug and drain oil into the oil collection pan.
- 8.2.4) Once oil is completely drained, reinstall the oil drain plug with 18Nm.(13ft.lb.)



Tighten oil drain plug with 18Nm(13ft.lb.)

- 8.2.5) Refill the recommended new oil, up to point of overflowing filler neck.
- 8.2.6) Reinstall the dipstick and tighten securely.



After oil change, wash your hands with soap.

NOTE

- Dispose of used oil in a manner that is compatible with the environment and in accordance with local, state, and federal laws and regulations
- Used oil should be put into a sealed container and then be transported to the service station or recycler.
- Do not throw oil into the trash, pour it on the ground, or pour it down the drain.

■ **NO MODIFICATIONS. NEVER MODIFY OR ALTER THE GENERATOR IN ANY WAY. MODIFICATIONS CAN CREATE SERIOUS SAFETY HAZARDS AND WILL ALSO VOID THE WARRANTY.**

8.3) Air Cleaner Service

A dirty air cleaner will restrict air flow into the carburetor. Clean and maintain the air cleaner regularly, especially in the extremely dusty areas.

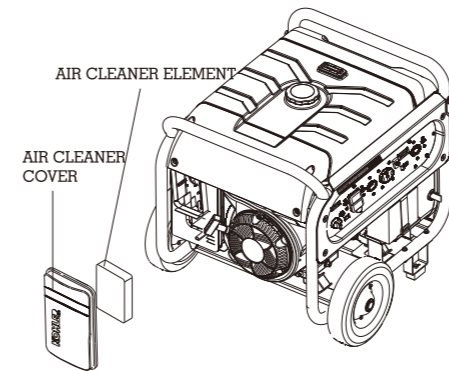


Do not use gasoline or low ignition point solvents for cleaning. They are flammable and explosive under certain conditions.

NOTE

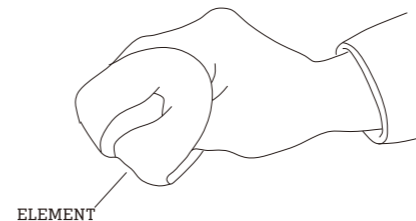
- Never run the generator without air cleaner, otherwise that result in premature engine failure and will void the warranty.

8.3.1) Loosen the air filter cover screw, and remove the cover.



8.3.2) Take out the air cleaner element, and clean it with detergent and water, rinse it with water and then let it dry.

8.3.3) Use 1 oz. of clean oil to coat the air cleaner element, squeeze out extra oil, if necessary, change cleaner element.

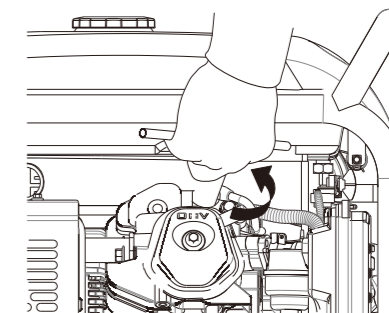


8.3.4) Reinstall the air cleaner element and cover.

8.4) Spark Plug Service

Recommended spark plug: XC12YC

Check the spark plug gap and clean the carbon deposition at the bottom of the spark plug.

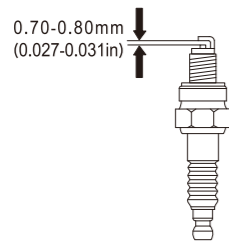


8.4.1) Take off the spark plug cap.

8.4.2) Remove the spark plug with the spark plug spanner wrench.

8.4.3) Visual inspection the spark plug, if the insulation is cracked or chipped or the electrode is damaged, replace the spark plug with a new one.

8.4.4) Check the electrode gap and set it to the gap shown below.



8.4.5) Measure the spark plug gap with a feeler gauge. The normal value:0.70-0.80mm (0.027-0.031in). Adjust the gap by bending the electrode carefully.

8.4.6) Reinstall the spark plug carefully, by hand, to avoid cross-threading. A new spark plug should be tightened 1/2 turn with 27 N.m (20ft.lb.) by a spanner. A used Spark plug should be tightened 1/8 to 1/4 turn with spanner.

8.4.7) Reinstall the spark plug cap.

NOTE

- The spark plug must be securely tightened as described above otherwise damage to the engine will occur.
- Never use a spark plug with an improper heat range.

9.TRANSPORTING/STORING

Avoid fuel spillage during transporting or temporary storage, check that the fuel switch is in the "OFF" position, and the generator should be in transported and stored in the normal operating position.



Transporting Generator:

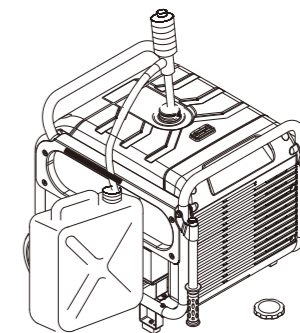
- Do not overfill the fuel tank. (No residual fuel should be on the neck of tank)
- Do not use the generator on the transport vehicle. The generator should only be used on the ground and in a well ventilated environment.
- Avoid direct exposure to the sun when the generator is in transport vehicle for an extended time. Transport vehicle must be well ventilated. The high temperature inside the vehicle could cause fuel to vaporize resulting in a possible explosion.
- Drain off the fuel, when the generator is transported on rough road.

Storing for a long period:

If engine will be out of service for 2 months or more, follow procedure below.

9.1) Run engine 2-3 minutes to get stabilized fuel into fuel system (failures due to untreated fuel are not warrantable.)

9.2) Drain the fuel from the fuel tank.



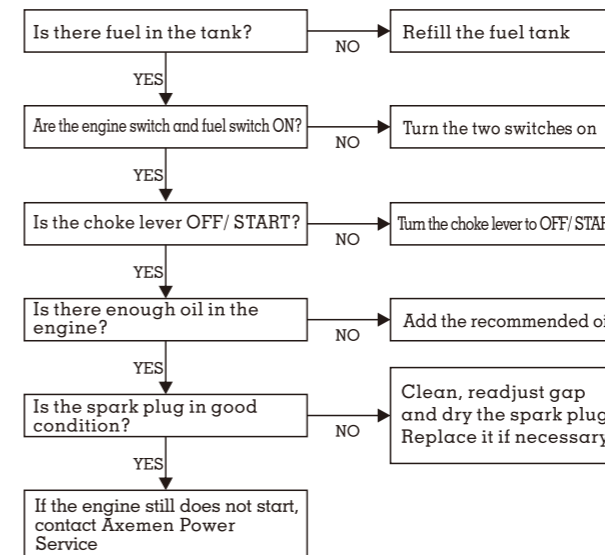
⚠ WARNING

- You can get severely burned or injured when handling gasoline. Fuel is highly flammable and can be explosive. Only handle fuel outdoors and keep sparks, heat, and flames away. Immediately wipe up any spills.
- a. Drain off the gasoline in the fuel tank with a fuel pump and store the gasoline into a suitable fuel container.
- b. Turn the fuel switch to the "ON" position, and start the generator.
- c. Let the generator run out of fuel.
- d. Once the generator shuts off. Turn the engine switch to the "STOP" position.
- e. Turn the fuel switch to the "OFF" position.

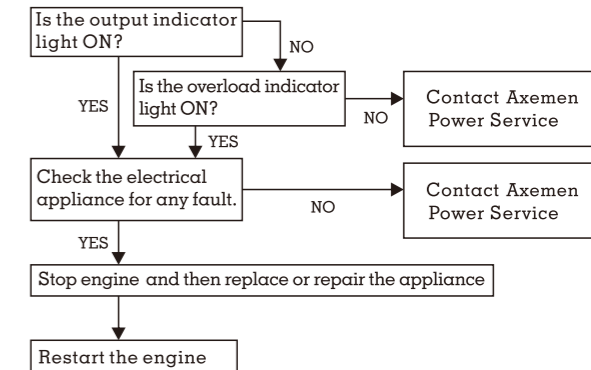
- 9.3) Change new oil while engine is still warm from operation.
- 9.4) Remove the spark plug, and pour a tablespoon of clean engine oil 1 oz. (10~20ml) into the cylinder. Revolve the engine several times to distribute the oil, and reinstall the spark plug.
- 9.5) Pull the starter grip slowly until feel resistance. At this point, the piston is coming up on its compression stroke and both the intake and exhaust valves are closed. In this position, it helps to protect the engine from internal corrosion.
- 9.6) Disconnect negative (-) battery cable.
- 9.7) Store engine in a clean, dry place.

10.TROUBLESHOOTING

When the engine can not be started:



Appliance does not operate :



11. TECHNICAL SPECIFICATIONS

	Specifications	Parameters
ENGINE	Model	CH440
	Type	4-stroke, overhead valve, single cylinder, forced-air cooling
	Engine Displacement	429cm ³
	Bore*Stroke	89.0mm*69.0mm
	Compression Ratio	8.8:1
	Max Power	10.1kW/3600rpm
	Ignition System	Full transistor
	Start System	Recoil/Electric starter
	Fuel Type	Gasoline without lead
	Oil Capacity	1.3L
Oil Model	SAE 15W-30 Synthetic Blend	
GENERATOR	Model	AX8000i
	Rated Frequency	60Hz
	Rated Voltage	120V/240V
	Rated Current	30+30A/30A
	Rated Output Power	6.5kVA
Max. Output Power	8.0kVA	

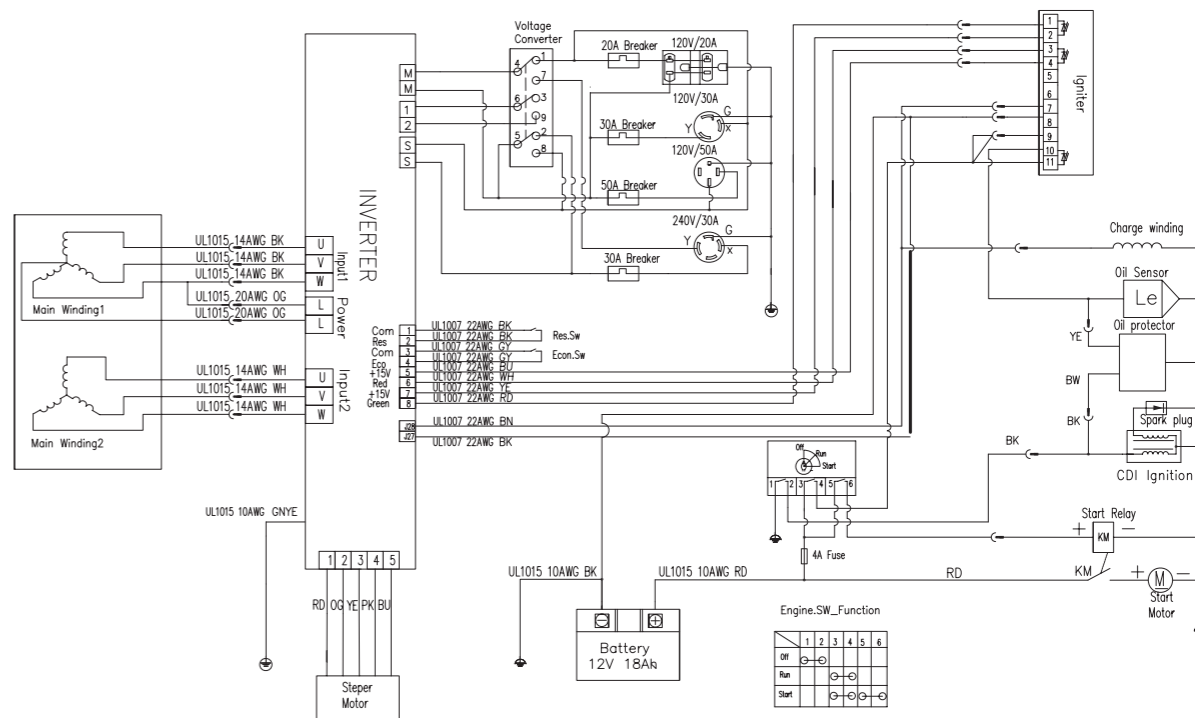
OTHER SPECIFICATIONS	Specifications	Parameters
	Fuel Tank Volume	25L
	Continuous Running Time	5.5h
	Working Ambient Temperature	-20°C~40°C
	Max. Altitude	1000m
	• • Noise L _{pA}	74dB/7m
	Dimensions (L*W*H)	700mm*550mm*550mm
	Net Weight	80kg

Noise level is measured when the Auto-Throttle Switch is turned to "ON" (👉👈)

* * : The noise level in "dB/7m" is the arithmetic mean value of sound press level (L_{pA}) in four directions measured 7 meters away from the generator.

The noise level may vary in different environments.

12. WIRING DIAGRAMS



13. APPENDIX

13.1) Environment Correction

The standard condition of rated power output:

Altitude:0m

Ambient temperature:25°C

Relative humidity:30%

Factor of environment correction:

Altitude(m)	Ambient temperature°C				
	25	30	35	40	45
0	1	0.98	0.96	0.93	0.90
500	0.93	0.91	0.89	0.87	0.84
1000	0.87	0.85	0.82	0.80	0.78
2000	0.75	0.73	0.71	0.69	0.66
3000	0.64	0.62	0.60	0.58	0.56
4000	0.54	0.52	0.50	0.48	0.46

NOTE : Relative humidity 60% correction factorC-0.01 ;
 Relative humidity 80% correction factorC-0.02 ;
 Relative humidity 90% correction factorC-0.03 ;
 Relative humidity 100% correctionfactorC-0.04 ;

Example :

Rated power (P_N) 7.0kVA generator(Altitude: 1000m) Ambient temperature: 35°C , Relative humidity: 80%

$$P = P_N * (C - 0.02) = 7.0 * (0.82 - 0.02) = 5.6 \text{ kVA}$$

13.2) Noise and Access

Noise emission measure according to ISO 8528-10, EN ISO 3744, European Directive 2000/14/EC with amendment 2005/88/EC

Model of generator set: AX8000i

Sound Pressure Level: 74dB(A)

Guaranteed Sound Power Level: 96dB(A)

Measurement Uncertainty K: 1.7 dB(A)

The quoted figures are emission levels and are not necessarily safe working levels. Whilst there is a correlation between the emission and exposure levels, this cannot be used reliably to determine whether or not further precautions are required. Factors that influence the actual level of exposure of work-force include the characteristics of the work room, the other sources of noise, etc, i.e. the

number of machines and other adjacent processes, and the length of time for which an operator is exposed to the noise. Also the permissible exposure level can vary from county. This information, however, will enable the user of the machine to make a better evaluation of the hazard and risk.

14.LIMITED WARRANTY AND CONSUMER INFORMATION

Axemen generators are manufactured and distributed by Axemen power, inc. shall warranty any piece of equipment manufactured, or parts of equipment manufactured, to be free from defects in material or workmanship for a period of 1 years from the date of purchase by user. This warranty applies to the original purchaser of the equipment and is non transferable. Verification of purchase is the responsibility of the buyer in the form of a sales receipt for the specific product. Parts will be replaced or repaired at no charge, except when the equipment has failed due to lack of proper maintenance or abuse. Any misuse, abuse, alteration or improper installation or operations will void warranty. Determining whether a part is to be replaced or repaired is the sole decision of Axemen power, inc.

NOTE

Always contact Axemen Customer Support at (888)929-3468 prior to having any service or warranty work performed,

as some services performed by parties other than Axemen approved service centers may void warranty.

This warranty covers parts only. It will not provide for replacement of complete products due to defective parts. Normal engine maintenance such as spark plugs, air filters, adjustments, fuel system cleaning and obstructions due to build up is not covered by this Axemen warranty. Axemen will not provide for replacement of complete products due to defective parts.

Any costs incurred due to replacement or repair of items outside of an Axemen approved facility is the responsibility of the buyer and not covered under warranty. Transportation costs to and from service center is the responsibility of the buyer/customer. Axemen can supply you with the service center location in your area by contacting Axemen customer support at the number below.

For warranty service, find the nearest Authorized Service Dealer by calling:(888)929-3468.

This warranty specifically excludes the following; failure of parts due to damage caused by accident, fire, flood, windstorm, acts of God, applications not approved by AXEMEN in writing, corrosion caused by chemicals, use of replacement parts which do not conform to manufacturer's specifications, damage related to rodent and/or insect infestation, and damage caused by vandalism. Additional exclusions: loss of running time, inconvenience, loss of income, or loss of use, including any implied warranty of merchantability of fitness for a specific use. Also, Outdoor Power Equipment needs periodic parts and service to perform well, and this warranty does not cover instances when normal use has exhausted the life of a component or the engine.

Warranty does not cover items subject to normal wear such as tires, receptacles or any part subject to direct physical contact by the public. This warranty does not cover any personal injury or damage to surrounding property caused by failure of any part. Repair or replacement of parts does not extend the warranty period.

THIS WARRANTY IS IN LIEU OF ANY OTHER WARRANTY EXPRESSED OR IMPLIED AND AXEMEN POWER, INC. ASSUMES NO OTHER RESPONSIBILITY OR LIABILITY OUTSIDE THAT EXPRESSED WITHIN THIS WARRANTY.

THERE IS NO OTHER EXPRESSED WARRANTY. ANY AND ALL IMPLIED WARRANTIES ARE EXCLUDED. LIABILITY FOR CONSEQUENTIAL DAMAGES UNDER ANY AND ALL WARRANTIES ARE EXCLUDED TO THE EXTENT EXCLUSION IS PERMITTED BY LAW.

Repair or replacement of parts does not extend the warranty period.

Consumer Service Information

Any Questions Please Contact Customer Service

We want you to be completely satisfied with your axemenpower inverter generator so please consult an Authorized Service Dealer regarding missing parts, maintenance, repair, or operation of your generator.

If you do not know of an Authorized Service Dealer in your area, please contact us at

Customer Support: (888)929-3468

Email: support@axemenpower.com

website: www.axemenpower.com

When you email or call, please give us the information:

Model and serial number

Date of purchase

Detailed description of the problems

Dealer contact information and your name, address, and telephone number

Customer Name and Phone Number:

Customer Address:

Date and Place of Purchase:

Serial Number:

Model Number:
