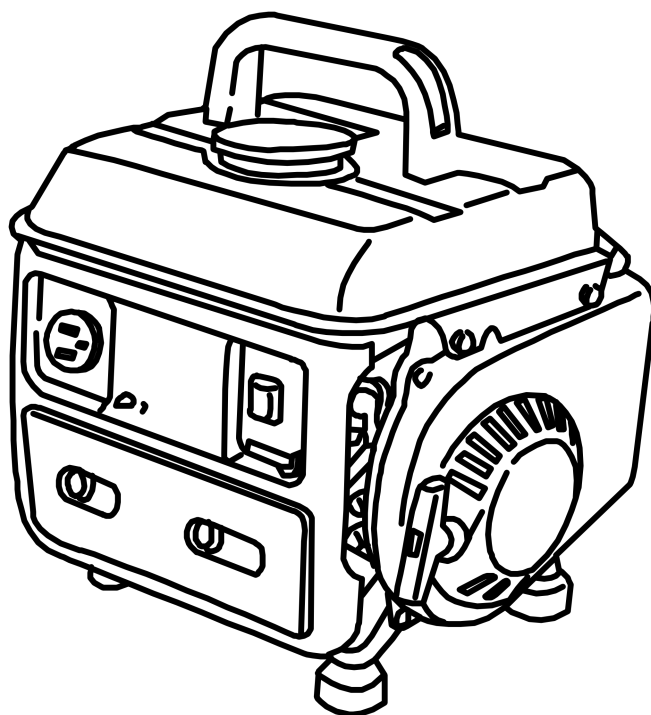


Gasoline Generator Set

Operation Manual

Original Instructions

EYG950/EYG950A





Thank you for purchasing our generator. We want to help you get the best results from your new generator and to operate it safely.

This manual contains the information on how to do that; please read it carefully.

All information and specifications in this publication is based on the latest product information available at the time of printing.

This manual should be considered a permanent part of the generator and should remain with it if it is resold.

Safety Messages

Your safety and the safety of others are very important. We have provided important safety messages in this manual and on the generator. Please read these messages carefully.

A safety message alerts you to potential hazards that could hurt you or others. Each safety message is preceded by a safety alert symbol  and one of these words: DANGER, WARNING, or CAUTION.

These mean:

 **DANGER**

You **WILL** be **KILLED** or **SERIOUSLY HURT** if you don't follow instructions.

 **WARNING**

You **CAN** be **KILLED** or **SERIOUSLY HURT** if you don't follow instructions.

 **CAUTION**

You **CAN** be **HURT** if you don't follow instructions.

Damage Prevention Messages

Other important messages are preceded by the word **NOTICE**. This word means:

NOTICE

Your generator or other property could be damaged if you don't follow instructions.

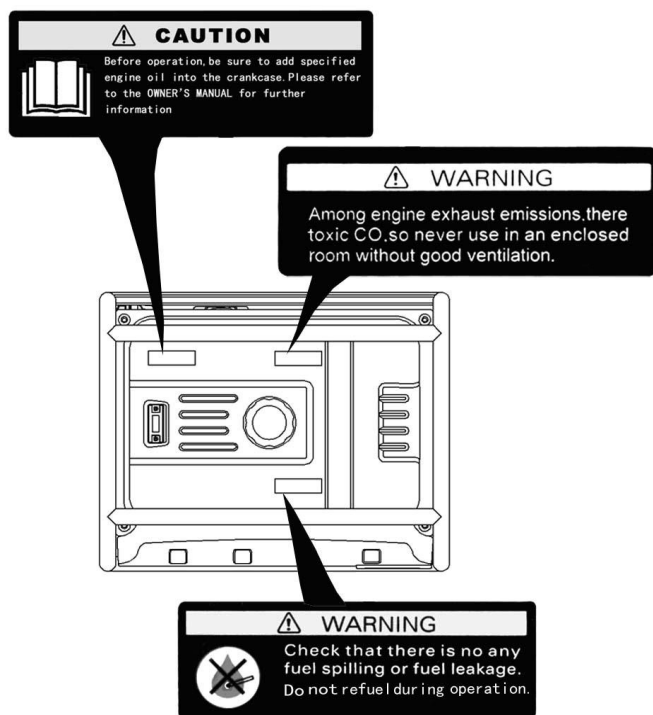
The purpose of these messages is to help prevent damage to your generator, other property, or the environment.

SAFETY

1) Safety Label Location

These labels warn you of potential hazards that can cause serious injury. Read them carefully.

If a label comes off or becomes hard to read, contact your generator dealer for a replacement.



WARNING

-  Not to refuel when operating.
-  Electrical hazard.
-  Exhaust gas is poisonous; do not operate in an unventilated area [Carbon monoxide (CO) danger].
-  Read the operator's instruction manual.
-  Avoid connecting the generator to commercial power outlet.
-  Be sure to ground (earth) the generator.

2) Component identification





1. Carry handle	6. Fuel tank cap
2. Engine On/Off switch	7. Fuel tank
3. Choke lever	8. Air filter maintenance cover
4. Recoil starter	9. AC circuit breaker reset button
5. Rubber foot on anti-vibration mount x 4	10. AC socket (230V)
11. DC circuit breaker reset button	14. Exhaust
12. Engine	15. DC 12V 8A socket
13. HT lead and spark plug access point	

3) Safety Information

Our generators are designed to give safe and dependable service if operated according to instructions. Read and understand this owner's manual before operating your generator. You can help prevent accidents by being familiar with your generator's controls, and by observing safe operating procedures.

Operator Responsibility

- Know how to stop the generator quickly in case of emergency.
- Understand the use of all generator controls, output receptacles, and connections.
- Be sure that anyone who operates the generator receives proper instruction. Do not let children operate the generator without parental supervision. Keep children and pets away from the area of operation.
- Place the generator on a firm, level surface and avoid loose sand or snow. If the generator is tilted or overturned, fuel spillage may result. Also, if the generator is overturned or sinks into a soft surface, sand, dirt, or water may enter the generator.

Carbon Monoxide Hazards

- Exhaust contains poisonous carbon monoxide, a colorless and odorless gas. Breathing exhaust can cause loss of consciousness and may lead to death.
- If you run the generator in an area that is confined, or even partially enclosed, the air you breathe could contain a dangerous amount of exhaust gas. To keep exhaust gas from building up, provide adequate ventilation.

Electric Shock Hazards

- The generator produces enough electric power to cause a serious shock or electrocution if misused.
- Using a generator or electrical appliance in wet conditions, such as rain or snow, or near a pool or sprinkler system, or when your hands are wet, could result in electrocution. Keep the generator dry.
- If the generator is stored outdoors, unprotected from the weather, check all electrical components on the control panel, before each use. Moisture or ice can cause a malfunction or short circuit in electrical components which could result in electrocution.
- Do not connect to a building's electrical system unless an isolation switch has been installed by a qualified electrician.
- Before use, the generator set and its electrical equipment (including cables and plug connections) should be checked to ensure that there are no defects.
- Due to high mechanical loads, only durable rubber hose lines (according to IEC 60245-4) or equivalent equipment should be used.
- Take special care when using volatile fuels as jump starters if their use is appropriate.
- Generators can only be loaded up to their nominal power under the specified operating conditions. If the generator is used under conditions not as described in ISO 8528-8: 2016, 7.1 and the engine or generator cooling is impaired, e.g. as a result of operation in confined spaces, the load must be reduced.
- The load is reduced because of higher temperature, altitude and humidity than the specified operating conditions.
- Warning! Follow the electrical safety regulations that apply to the location where the generating sets are

used.

- Warning! Take into account the requirements and precautionary measures in the event that a system is resupplied by power generating sets, depending on the protective measures of this system and the applicable directives.

- The generator set must not be connected to any other power source, such as the power supply of utility companies.

Fire and Burn Hazards

- The exhaust system gets hot enough to ignite some materials.

- Keep the generator at least 1 meter (3 feet) away from buildings and other equipment during operation.

- Do not enclose the generator in any structure.

- Keep flammable materials away from the generator.

- The muffler becomes very hot during operation and remains hot for a while after stopping the engine.

Be careful not to touch the muffler while it is hot. Let the engine cool before storing the generator indoors.

- Gasoline is extremely flammable and is explosive under certain conditions. Do not smoke or allow flames or sparks where the generator is refueled or where gasoline is stored. Refuel in a well-ventilated area with the engine stopped.

- Fuel vapors are extremely flammable and may ignite after the engine has started. Make sure that any spilled fuel has been wiped up before starting the generator.

WARNING

BEFORE OPERATING THIS MACHINE
PLEASE READ THESE INSTRUCTIONS CAREFULLY

(I) WARNING

1. Read the operator's instruction manual.
2. Attention! Exhaust gases are toxic. Do not operate the generator in a room without ventilation system!
3. Children should be protected by keeping.
4. Refilling of the generating sets are not allowed during the operation!
5. If the generator will be mounted in a closed room, relevant safety regulations against fire and explosion should be followed!
6. Do not connect to household circuit.
7. Do not use in wet condition! Do not place the machine in the blazing sun. Do not expose the machine to temperatures over 40 °C. Do not store the machine in humid surroundings.
8. Keep in flammable away.
9. Avoid touching hot parts of the machine.
10. When refueling.
 - stop engine
 - no smoking
 - do not spill



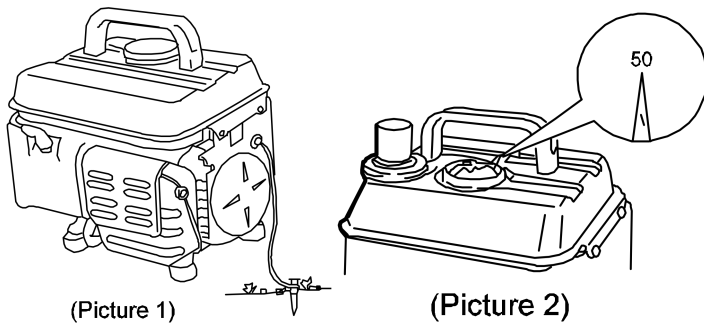
Take appropriate measures to protect your hearing.



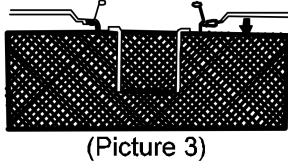
Beware of hot parts

(II) PRE-OPERATION PREPARATION

1. To prevent get an electric chock, when operating the machine link with earth.
2. Use oil-mixed gasoline, if not, engine will be overheated.
Gasoline and oil mixing ratio 50:1.or 40:1 summer (Picture 2).
3. Fuel tank capacity 4.2L.



4. Do not fill above fuel filter top. (Picture 3)



5.1. Use fuel tank cap to measure oil as. (Picture 4)

0.02L	
0.04L	
0.06L	
0.08L	

(Picture 4)

5.2. Put gasoline and oil into one container with mixing ratio 50:1 or 40:1 (summer).

5.3. After shaking, put them into fuel tank.

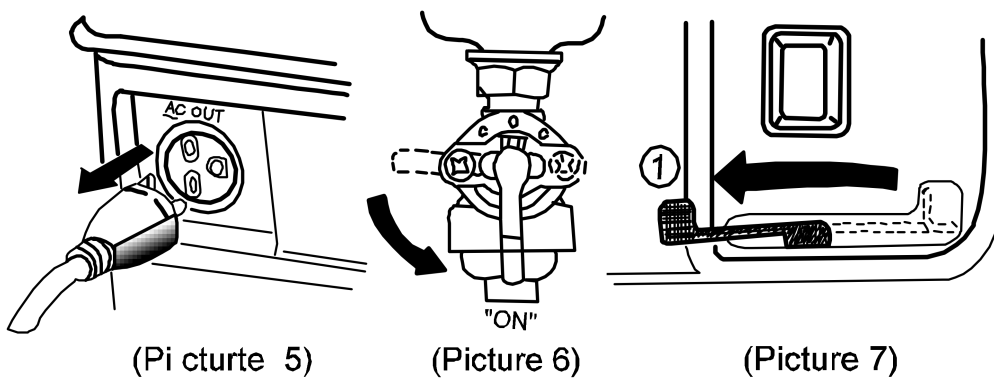
(III) STARTING THE ENGINE

1. Before starting, do not connect electric apparatus. (Picture 5)

2. Shake fuel tank before starting engine.

3. Turn fuel cock lever to "ON". (Picture 6)

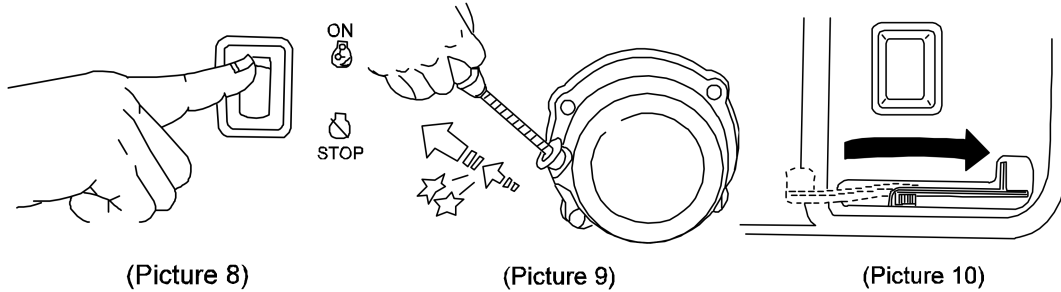
4. Turn choke lever to ①. (Picture 7)



5. Turn engine switch to “ON”. (Picture8)

6. Pull slowly on recoil starter until engaged, then put it briskly. (Picture 9)

7. Return choke lever. (Picture10).

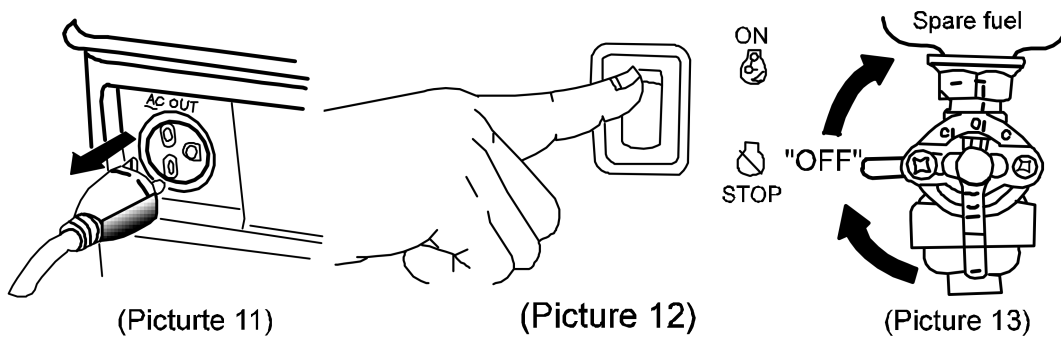


(IV) STOPPING THE ENGINE

1. Before stopping, turn off electric apparatus. (Picture 11)

2. Turn engine switch to “STOP”. (Picture 12)

3. Turn fuel cock lever to “OFF”. (Picture 13)

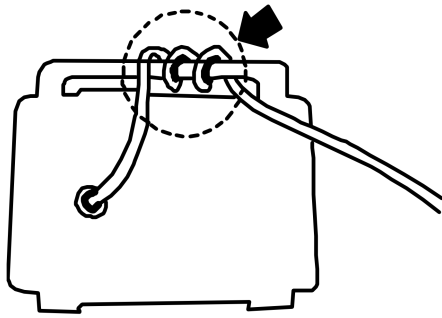


(V) CONNECTION

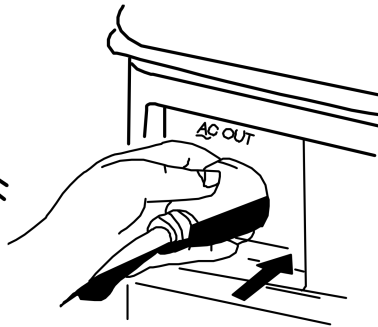
1. Wind lead 2 or 3 turns around handle. (Picture 14)

2. Start engine.

3. Plug into AC socket. (Picture 15)



(Picture 14)

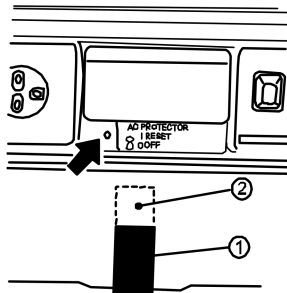


(Picture 15)

4. Safety devices

Press the button to reset protector, to reduce output load if AC protector turns off. (Picture 16)

- ① ON
- ② OFF



(Picture 16)

(VI) PERIODIC MAINTENANCE

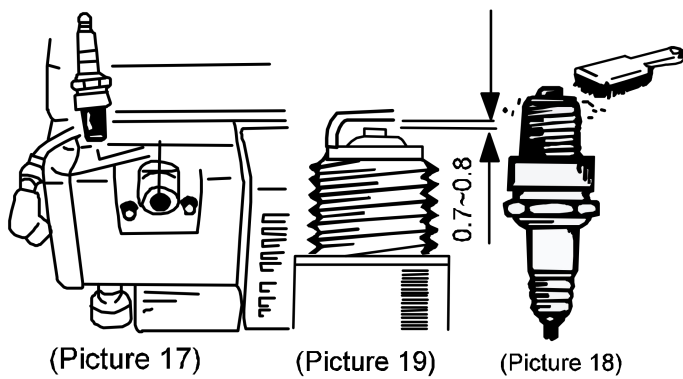
Exhaust gas contains poisonous carbon monoxide. Shut off the engine before performing any maintenance.

If the engine must be run, make sure the area is well ventilated.

Periodic maintenance and adjustment is necessary to keep the generator in good operating condition.

Perform the service and inspection at the intervals shown in the Maintenance schedule below.

- 1. Spark plug (per 50h or per one month)
 - 1.1. Remove spark plug. (Picture 17)
 - 1.2. Remove carbon deposits. (Picture 18)
 - 1.3. Check for discoloration. Standard: Tan color.
 - 1.4. Check spark plug gap. Standard: 0.7~0.8mm. (Picture 19)



2. Air filter (TIME: per 100h or per one month)

2.1 Remove air filter. (Picture 20①)

2.2 Wash clearly in solvent. (Picture 20②)

2.3 Get Motor oil. (Picture 20③)

2.4 Squeeze Motor oil out. (Picture 20④)

3. Fuel cock and fuel tank filter (TIME: per 150h or per three month).

3.1. Clean fuel cock.

3.1.1. Stop engine.

3.1.2. Turn fuel cock lever to "OFF".

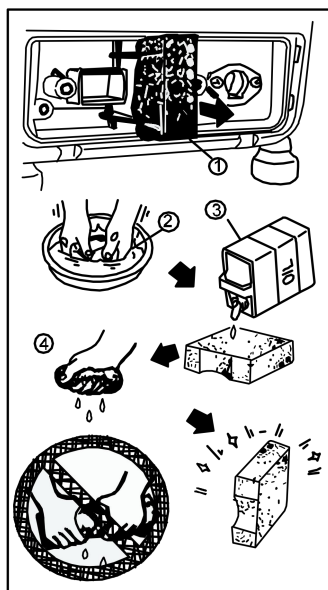
3.1.3. Clean with solvent. (Picture 21)

3.2 Clean fuel tank filter.

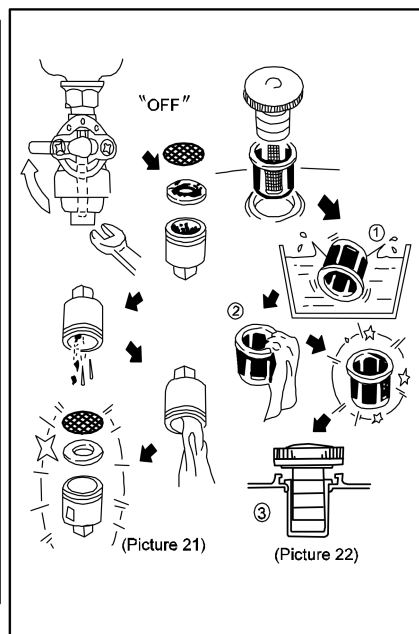
3.2.1. Clear in solvent.

3.2.2. Wipe off.

3.2.3. Insert into fuel tank. (Picture 22)



(Picture 20)



Warning: Never run engine without air filter.

(VII) TROUBLE SHOOTING

Engine won't start

1. Check fuel
2. Check engine switch
3. Check spark plug
4. If engines still won't start, check following
 - 4.1 If fuel cock is clogging
 - 4.2 If air filter is clogging.
 - 4.3 Installation and major repair work shall be carried out only by specifically trained personnel.
 - 4.4 Or consult dealer or manufacturer.

(IX) STORAGE

When the generator set is not being operated or being stored more than one month, follow these instructions:

1. Drain all the fuel out of the tank, fuel cock, and carburetor.
2. Shake the tank till all the excess being drain off.
3. Pour about one tablespoon of motor oil through the spark plug hole, then pull the starter several times and install the plug (with ignition off), until you feel that piston is on its compression, stop pulling.
4. Stay the generator set in a dry, well-ventilated place, with the cover place over it.

(X) ACCESSORIS

1. User's manual
2. Plug sleeve
3. Handle

The unit is supplied in packaging to prevent its being damaged in transit. This packaging is raw material and can therefore be reused or can be returned to the raw material system.

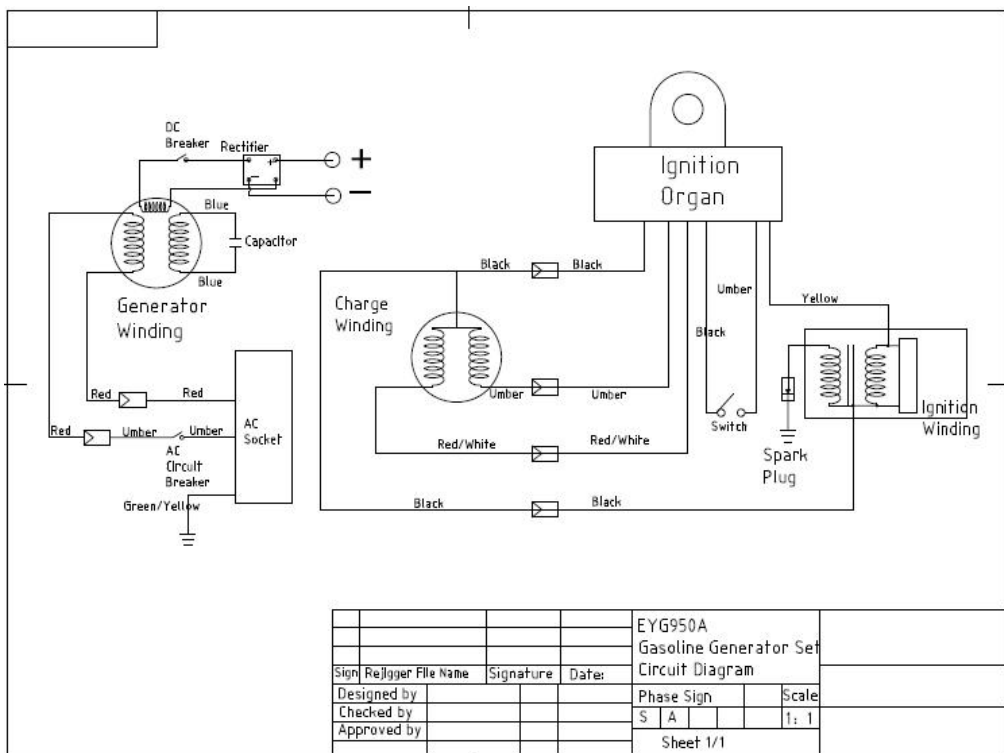
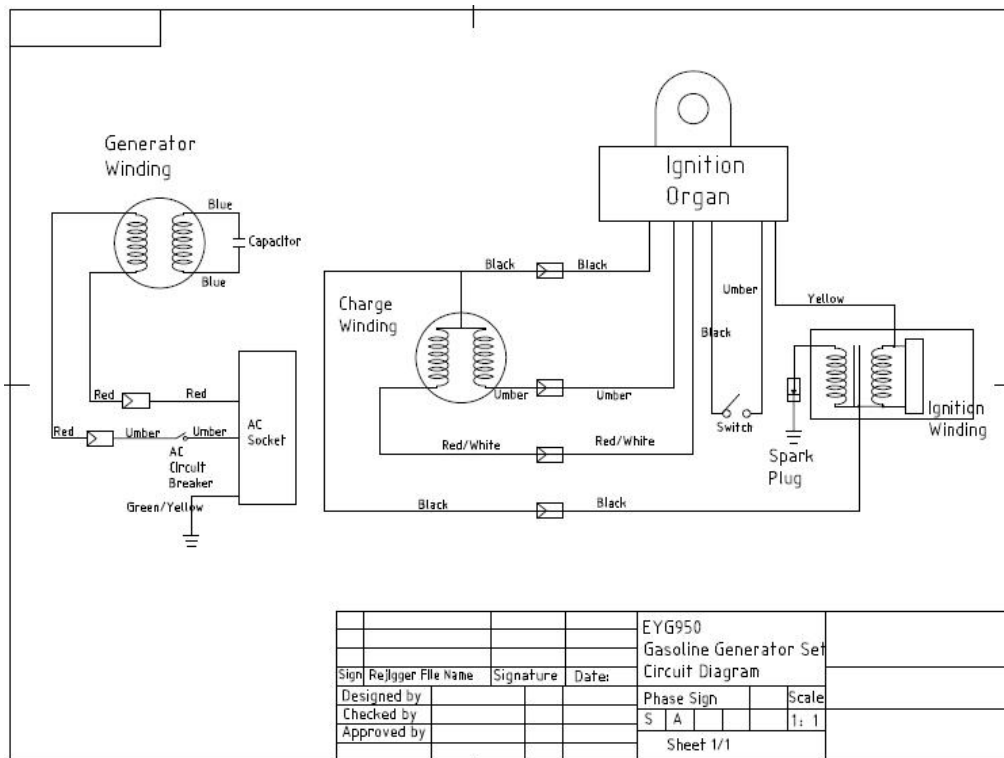
The unit and its accessories are made of various types of material, such as metal and plastic. Defective components must be disposed of as special waste. Ask your dealer or your local council.



(XI) SPECIFICATION

Power Generator	EYG950	EYG950A
Protection Class	IP23M	IP23M
Quality Class	B	B
Performance Class	G1	G1
Continuous Output	650 W	650 W
Max. Power	720 W	720 W
Rated Current	2.8 A	2.8 A
Rated Voltage	230 VAC	230 VAC
Frequency	50 Hz	50 Hz
DC output	--	12V/4.2A
Engine Model	LY1E45F	
Displacement	63CC	
Engine Type	4 stroke air cooled	
Lubricating Oil	SAE 15W/40	
Gasoline:Oil	40:1	
Fuel	normal unleaded gasoline	
Fuel Tank Capacity	3.6L	
Starting System	Recoil	
Weight	16.2 kg	
Dimension	370*300*305mm	
Measured sound pressure level LPA	72 dB(A)	
Measured sound power level LWA	92 dB(A)	
Measured uncertainty K	2 dB(A)	

(XI) DIAGRAM





EC DECLARATION OF CONFORMITY



For the following machinery:

Product name: Gasoline Generator Set

Function: Low-power generating set

Model No.: EYG950, EYG950A

is herewith confirmed to fulfill all the relevant provisions of:

Machinery Directive (2006/42/EC)

Electromagnetic Compatibility Directive (2014/30/EU)

Noise Emission Directive by equipment for use outdoors (2000/14/EC + 2005/88/EC) - Annex VI

Model	EYG950, EYG950A
Measured sound power level	92 dB(A)
Guaranteed sound power level	95 dB(A)

and the following harmonized standard have been complied with:

EN ISO 8528-13: 2016

EN IEC 61000-6-1:2019

EN 55012:2007+A1

Responsible for marking this declaration is the:

Manufacture's Name : Zhejiang Leiya Electronics Co., Ltd.
Manufacturer's Address : No. 528, 4th Avenue, Binhai, Economic and Technological
Development Zone, Wenzhou, Zhejiang, P.R. China

Person responsible for compiling the technical files established within the EU

Name, Surname : Will be completed prior to marketing in the EU
Address : Will be completed prior to marketing in the EU

Person responsible for making this declaration

Name, Surname : Fang, Zebin
Position/Title : Manager
Place : Wen Zhou
Date : 2023.11.15