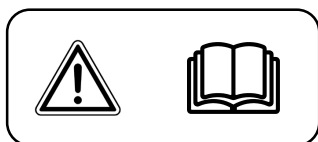


EYG3500G

GASOLINE GENERATOR

OWNER'S MANUAL



BEFORE OPERATING THIS EQUIPMENT
PLEASE READ THESE INSTRUCTIONS CAREFULLY

(I) WARNING

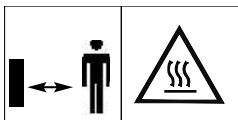
1. Read the operator's instruction manual.
2. Attention! Exhaust gases are toxic. Do not operate the generator in a room without ventilation system!
3. Children should be protected by keeping them at a safe distance from the generator set!
4. Refilling of the generating sets are not allowed during the 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!
8. Keep away from flammable!
9. This electrical equipment including lines and plug connections should not be defective.
10. When refueling:
 - stop engine
 - no smoking
 - do not spill



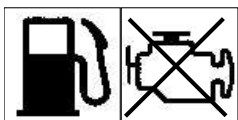
Read the Manual.



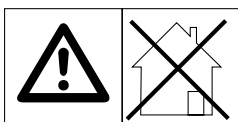
Take appropriate measures to protect your hearing.



Hot parts. Keep your distance.



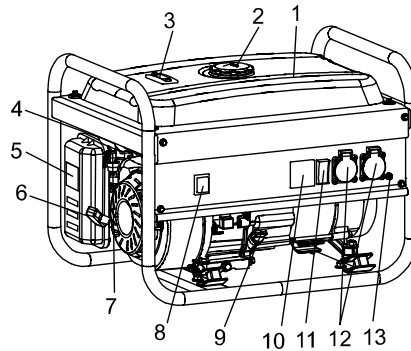
While refueling motor leave.



Not use in unventilated areas operate.

1↵	2↵	3↵	4↵
5↵	6↵	↵	↵

1. Names of Parts



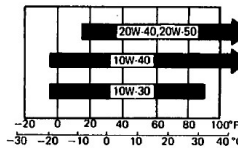
- | | |
|---------------------------------|---------------------|
| (1) Fuel tank | (2) Fuel tank cap |
| (3) Fuel gauge | (4) Choke handle |
| (5) Air cleaner | (6) Starting handle |
| (7) Fuel valve | (8) Engine switch |
| (9) Oil filler cap | (10) Voltage meter |
| (11) AC circuit breaker | (12) AC socket |
| (13) Ground connection terminal | |

2. Checks before Operating

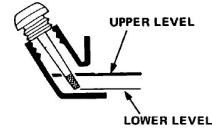
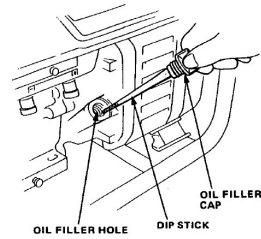
(1) Check the engine oil level

Notice: Stop the generator in a smooth place, then check the generator.
Engine oil is a major factor affecting engine performance and life.

Use the 4-stroke oil, SAE10W-40 is recommended for general, all-temperature use. Other viscosities shown in the chart may be used when the average temperature in your area is within the indicated range.



- ① Uncover the oil mouth then clean the engine oil ruler with clean cloth.
- ② Plug the engine oil ruler into the oil mouth and don't turn it. If the oil level is below the lower limit of the engine oil ruler you should add some engine oil.
- ③ Add the engine oil to the upper limit of ruler.
- ④ Fix the engine oil plug ruler properly.

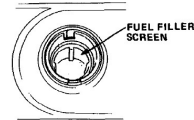
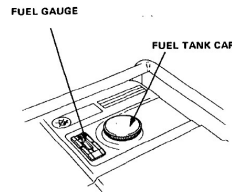


(2) Check the fuel level

Check the fuel gauge, and refill the tank if the fuel level is low.

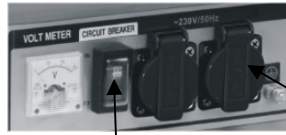
Use the 93# unleaded gasoline or higher

- ① Uncover the fuel tank cap.
- ② Check the fuel level, if the fuel level is low you should add more.
- ③ Add the fuel to the shoulder part of fuel filter.
- ④ Fix the fuel tank cap.



3. Starting the engine

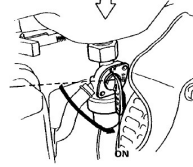
- (1) Disconnect any load from the AC socket, and turn off the alternating current circuit breaker.



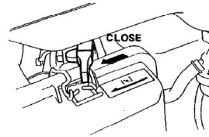
AC circuit breaker

AC socket

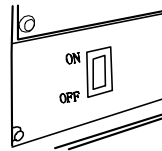
- (2) Turn the fuel valve to “ON” position.



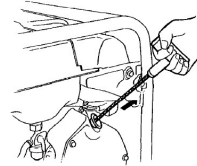
- (3) Turn the wind-block color rod to “CHOKE” position.



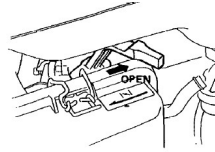
- (4) Turn the engine switch to “ON” position.



- (5) Pull the starting handle slightly until you feel some resistance, then put forth your strength to pull it.



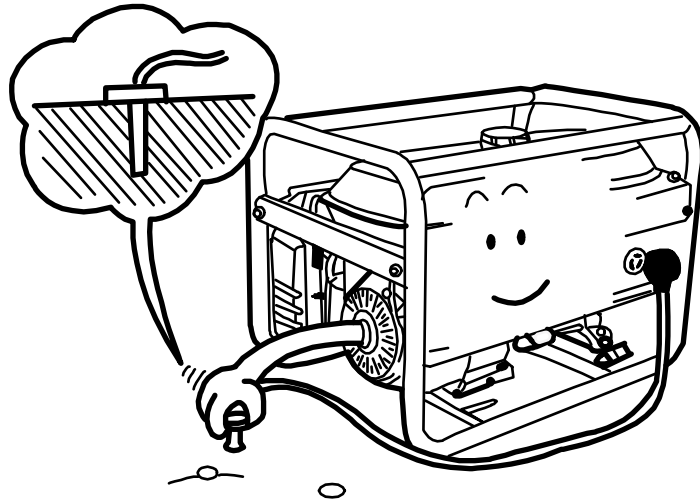
- (6) When the temperature of engine increase,
pull back the wind-block door rod. See the
arrow in the diagram.



4. Operating Methods of Generator

In order to keep your generator in good condition, Please follow the rules:

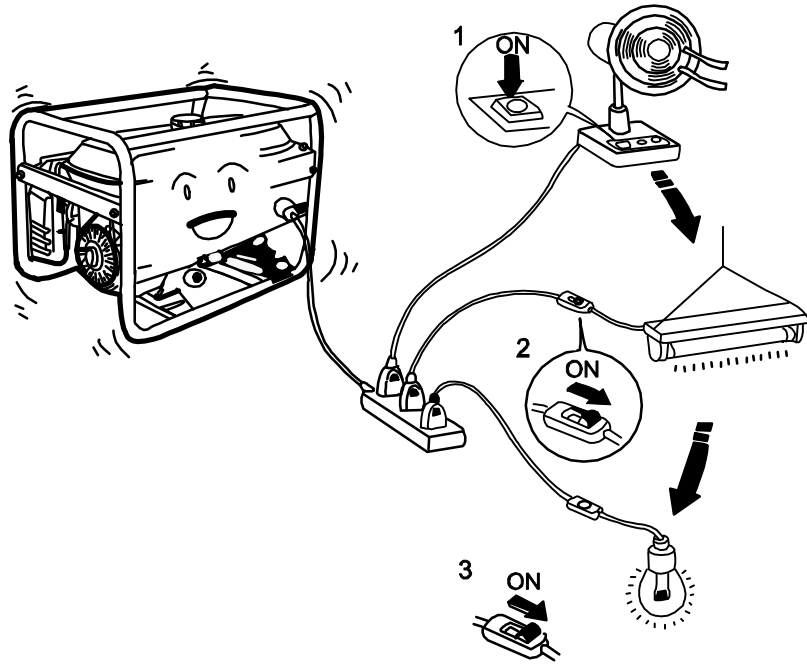
- (1) Avoid improper operation, make sure to make your generator ground connection.



(2) Electrical equipments, motor-driven devices will produce lots of electric current when they start. The following form will give you a reference when you connect them to generator.

Mode	amount of watt		setting	example		
	starting	rated		setting	starting	rated
● Bulb ● Heating setting	X1	X1	 bulb  TV 100W	 bulb 100W	100VA (W)	100VA (W)
● fluorescent lamp	X1	X1.5	 fluorescent lamp	 40W fluorescent lamp	40 VA (W)	60VA (W)
● Motor driven setting	X3~5	X2	 refrigerator  fan	 refrigerator 150W	450 ~ 750 VA (W)	300 VA (W)

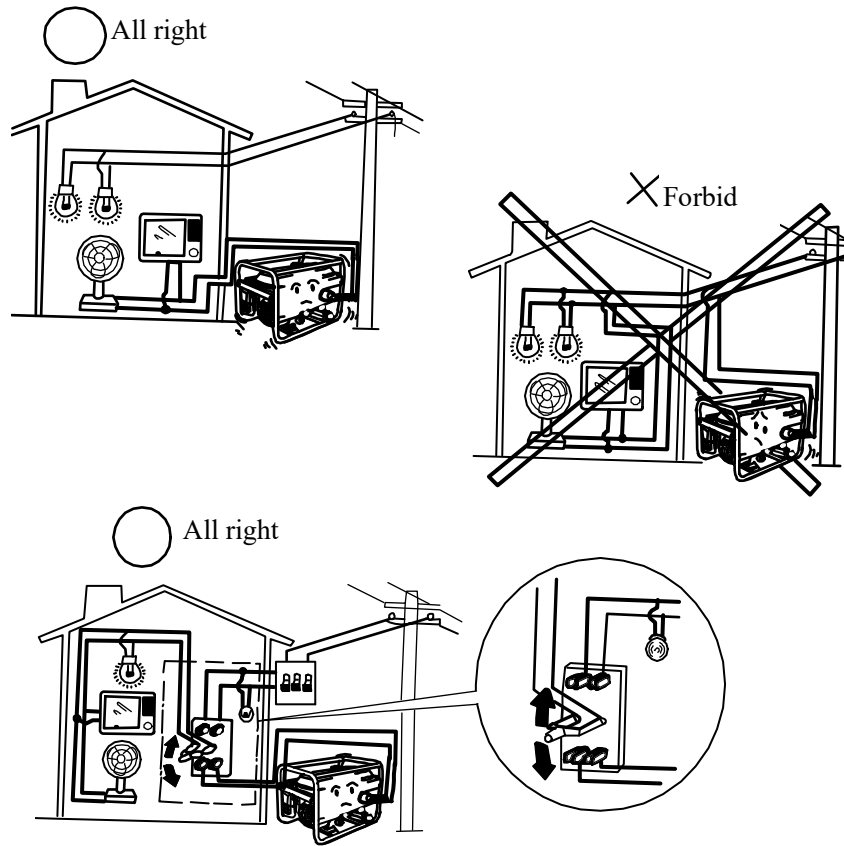
(3) When you connect more than two loads on the generator, please connect from high electric current to low electric current successively. When using extension lines or mobile distribution networks the total length of lines for a cross section of 1.5mm^2 should not exceed 60m; for a cross section of 2.5mm^2 this should not exceed 100m.



Notice:

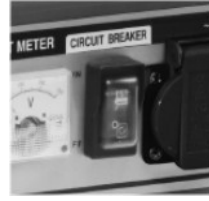
When you want to connect the generator to the family power, you should ask electricians to fix it.

After connecting the load to the generator, check if the connection is right, otherwise it will cause damages of fires.

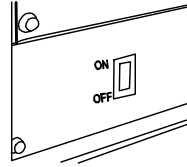


5. Stopping the engine.

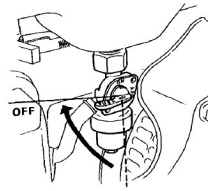
(1) Turn the AC circuit breaker to the OFF position.



(2) Turn the engine switch to the OFF position



(3) Turn the fuel valve to the OFF position.



Notice: If you want to stop the engine emergently, please turn the engine switch to "OFF" position.

6. Maintenance

Notice: To maintenance of the large assembly, you need a professional.

ITEM	REGULAR SERVICE PERIOD Perform at every indicated month or operating hour interval, whichever occurs first	Daily	First month or 20 Hrs.	Every 3 months or 50 Hrs.	Every 6 months or 100 Hrs.	Every year or 300 Hrs.
Engine oil	Inspection	•				
	Change		•		•	
Air cleaner element	Inspection	•				
	Cleaning			•(1)		
Fuel filter cleaning					•	
Spark plug maintenance					•	
Valve clearance adjustment						•(2)
Combustion chamber and valve cleaning						•(2)
Fuel line inspection(Replace if necessary)						•
Spark arrester		Clean every 100 operating hours.				

Notice:

(1) Service more frequently when used in dusty areas.

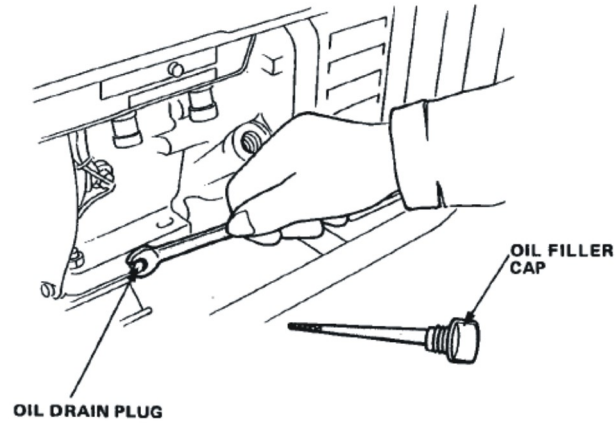
(2) These items should be serviced by your servicing dealer, unless you have the proper tools and are mechanically proficient.

(1) Changing oil

Drain the oil while the engine is still warm to assure rapid and complete draining.

1. Remove the drain plug and filler cap, and drain the oil. Retighten the plug securely.
2. Refill with the recommended oil and check the level.

OIL CAPACITY: 0.6L



CAUTION: Used motor oil may cause skin cancer if repeatedly left in contact with the skin for prolonged periods. Although this is unlikely unless you handle used oil on a daily basis, it is still advisable to thoroughly wash your hands with soap and water as soon as possible after handling used oil.

NOTE: Please dispose of used motor oil in a manner that is compatible with the environment. We suggest you take it in a sealed container to your local service station for reclamation. Do not throw it in the trash or pour it on the ground.

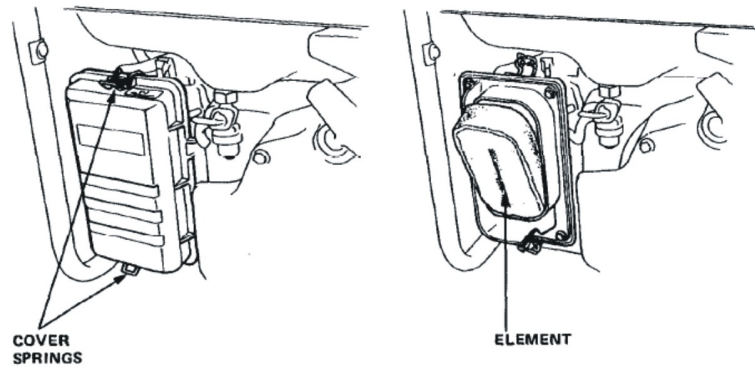
(2) Air cleaner service

A dirty air cleaner will restrict air flow to the carburetor. To prevent carburetor malfunction, service the air cleaner regularly. Service more frequently when operating the generator in extremely dusty areas.

WARNING! Never use gasoline or low flash point solvents for cleaning the air cleaner element. A fire or explosion could result.

CAUTION: Never run the generator without the air cleaner. Rapid engine wear will result.

1. Unsnap the air cleaner cover spring, remove the air cleaner cover and remove the element.
2. Wash the element in a non-flammable or high flash point solvent and dry it thoroughly.
3. Soak the element in clean engine oil and squeeze out the excess oil.
4. Reinstall the air cleaner element and the cover.



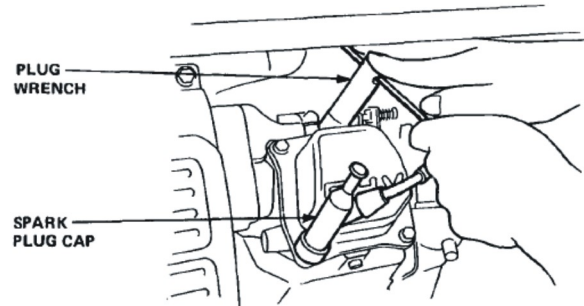
(3) Spark plug service

Recommended spark plug: BP6ES, SPR6ES (NGK)

F6TC, F6RTC (LD)

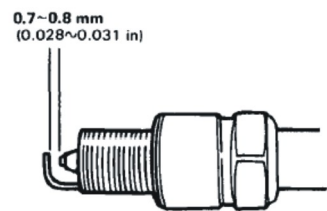
To ensure proper engine operation, the spark plug must be properly gapped and free of deposits.

1. Remove the spark plug cap.
2. Clean any dirt from around the spark plug base.
3. Use the wrench supplied in the tool kit to remove the spark plug.

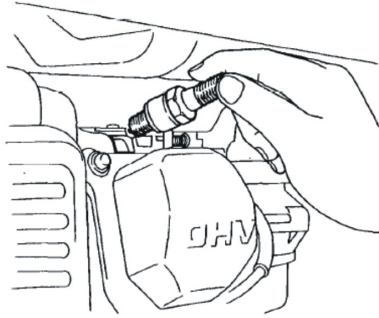


4. Visually inspect the spark plug. Discard it if the insulator is cracked or chipped. Clean the spark plug with a wire brush if it is to be reused.
5. Measure the plug gap with a feeler gauge.

The gap should be 0.7~0.8mm (0.028~0.031 in). Correct as necessary by carefully bending the side electrode.



6. Attach the plug washer and thread the plug in by hand to prevent cross threading.



7. After a new spark plug has been seated by hand, it should be tightened 1/2 turn with a wrench to compress its washer.
If a used plug is being reinstalled, it should only require 1/8 to 1/4 turn after being seated.

CAUTION:

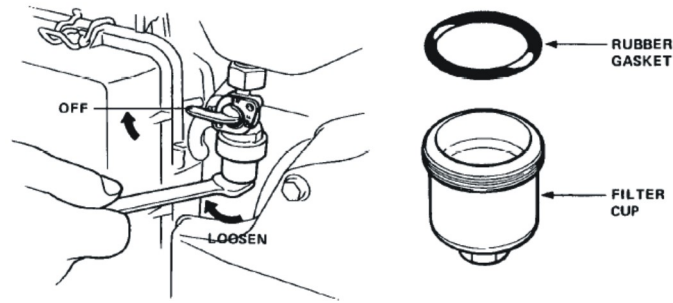
- The spark plug must be securely tightened. An improperly tightened plug can become very hot and possibly damage the generator.
- Never use a spark plug with an improper heat range.

(4) Fuel filter service

The filter prevents dirt or water which may be in fuel tank from entering the carburetor. If the engine has not been run for a long time, the filter should be cleaned.

1. Turn the fuel valve OFF. Remove the filter cup.
2. Clean the cup thoroughly.
3. Reassemble. Do not damage the rubber gasket.

WARNING! After installing the filter cup, check for leaks and make sure the area is dry before starting the engine.

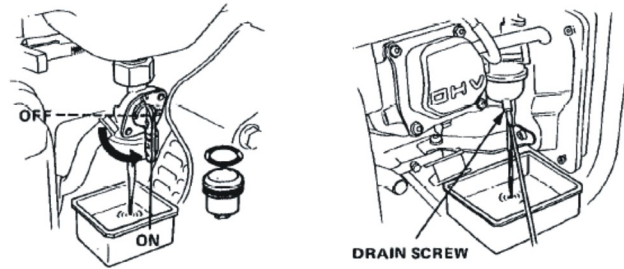


7. TRANSPORTING/STORAGE

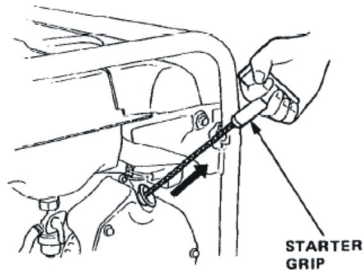
WARNING! When transporting the generator, turn the engine switch OFF and keep the generator level to prevent fuel spillage. Fuel vapor or spilled fuel may ignite.

Before storing the unit for an extended period:

1. Be sure the storage area is free of excessive humidity and dust.
2. Drain the fuel:
 - a. With the fuel valve OFF, remove and empty the filter cup.
 - b. Turn the fuel valve ON and drain the gasoline in the fuel tank into a suitable container.
 - c. Replace the filter cup and tighten securely.
 - d. Loosen the carburetor drain screw and drain the gasoline from the carburetor into a suitable container.

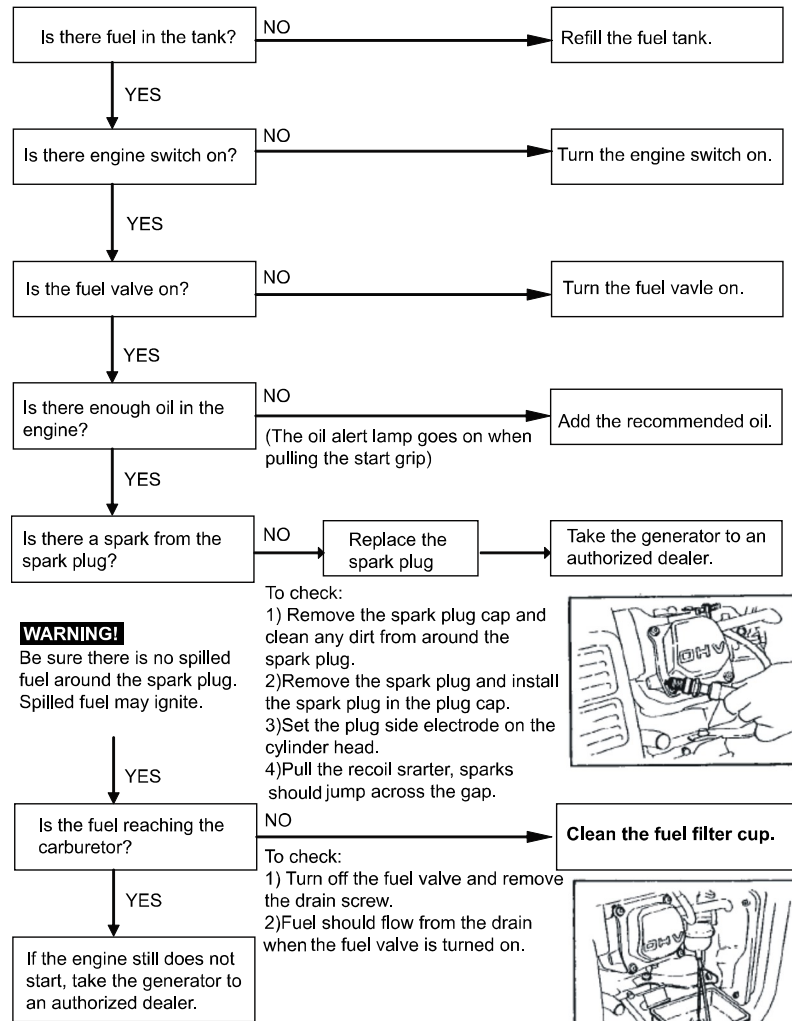


3. Slowly pull the starter grip until resistance is felt. At this point, the piston is coming up on its compression stroke and both the intake and exhaust valves are closed. Storing the engine in this position will help to protect it from internal corrosion.

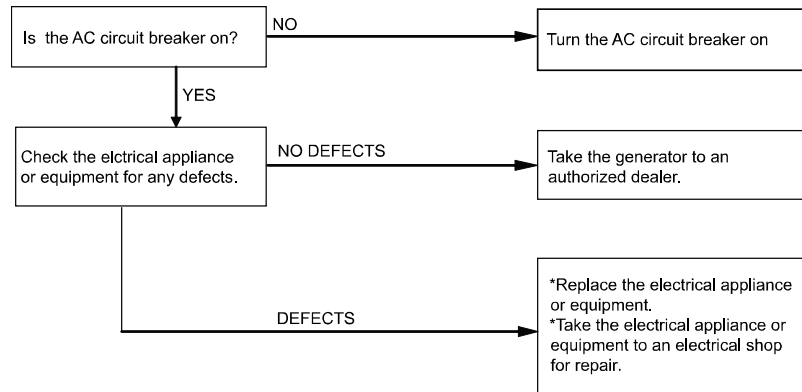


8. Trouble shooting

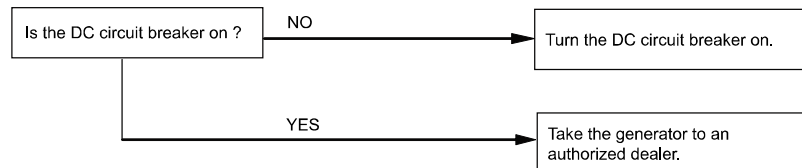
When the engine will not start:



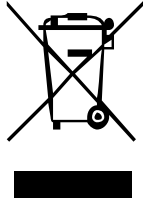
No electricity at the receptacles:



No electricity at the DC terminals



GASOLINE GENERATOR SET		
Type	EYG3500G	
AC voltage	230V~50Hz	
AC output: (COP)	2600W	Power factor: 1.0
Rated current	11.3A	
Speed	3000 r/min	
Performance class	G1	
Quality class	B	
Weight	39kg	
Max. temperature: 40℃	IP23M	
Max. Altitude: 1000 m	Bj2022	



Meaning of crossed –out wheeled dustbin:

Do not dispose of electrical appliances as unsorted municipal waste, use separate collection facilities.

Contact you local government for information regarding the collection systems available.

If electrical appliances are disposed of in landfills or dumps, hazardous substances can leak into the groundwater and get into the food chain, damaging your health and well-being.

When replacing old appliances with new ones, the retailer is legally obligated to take back your old appliance for disposals at least free of charge.

This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.

Children should be supervised to ensure that they do not play with the appliance.