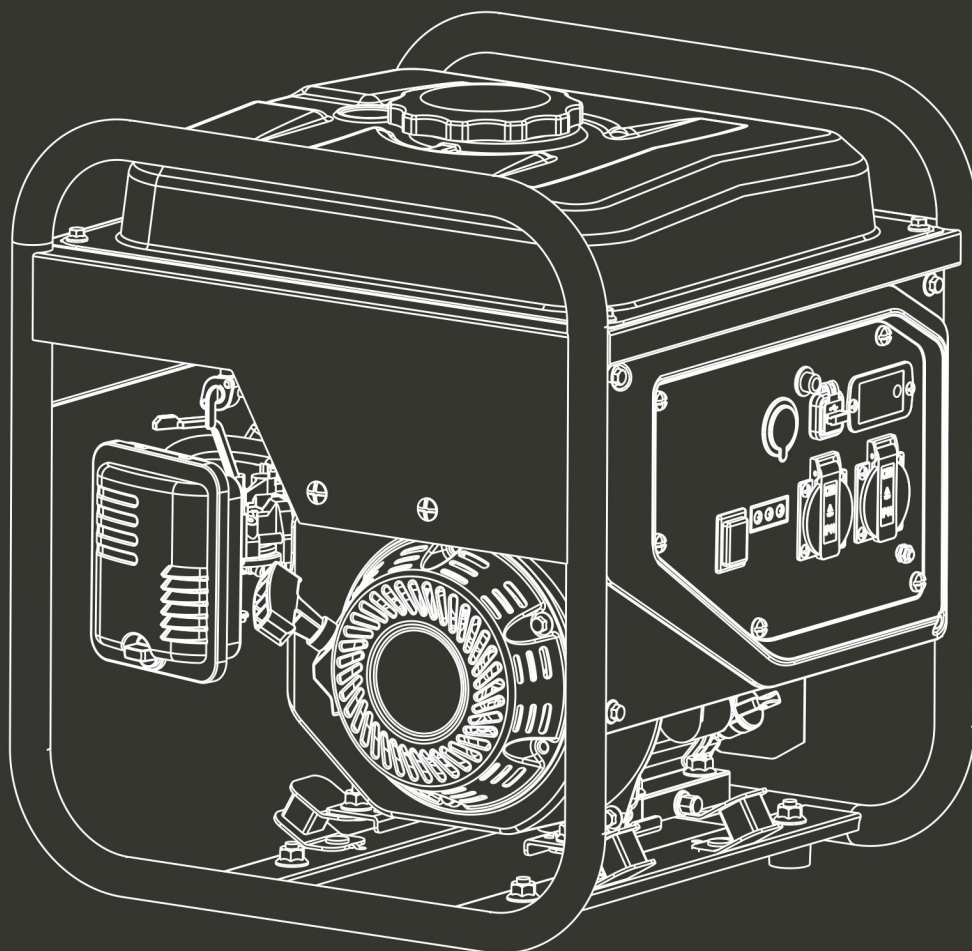


HYUNDAI
POWER PRODUCTS

LOW POWER INVERTER PETROL GENERATING SET

HG3600i

ORIGINAL INSTRUCTIONS



WARNING: Read thoroughly the instruction manual before using.

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1. SAFETY INSTRUCTIONS

Warning:


1. Attention! Exhaust gases are toxic. Do not operate the generator in a room without ventilation system!
2. Children should be protected by keeping them at a safe distance from the generator set!
3. Refilling of the generating sets are not allowed during the operation!
4. If the generator will be mounted in a closed room, relevant safety regulations against fire and explosion should be followed!
5. Do not connect to household circuit!
6. Do not use in wet condition!
7. Keep in flammable away!
8. When refuelling:
 - a) Stop engine;
 - b) No smoking;
 - c) Do not spill.

General security instructions

- The operator must know the principles of functioning and the structure of the generator and the motor. He must know how to stop the motor in case of urgency and how to manipulate the controls.
- Never let children use this device.
- Never let people who do not know these instructions use this device. Local regulations may impose restrictions on the age of the user.
- Please do not use this device when people, especially children, or pets are nearby. Direct them away from the working area.
- The operator or the user are responsible for possible accidents or damage to other persons or to their property.
- Do not wear loose clothing or jewellery as this can get caught in the machinery as it runs.
- Use safety equipment. Wear protective gear such as an anti-dust mask, non-slip safety shoes, a helmet or hearing protection.
- Stay vigilant, watch what you are doing and show good sense when you use the generator. Do not use if you are tired or under the influence of drugs, alcohol or medicines.
- Install the generator in a place that is well ventilated and make sure that there is at least 1.5 metres between the generator and the walls of the building or other equipment. Do not place flammable liquids or gases near the generator.
- Do not run the generator in an enclosed or badly-ventilated space. The exhaust gas from the motor contains carbon monoxide which is toxic and may lead to a loss of consciousness or death.
- Run the generator in respect of the power indicated in the user's manual. Do not run the generator with an overload or at excessive speed.
- The silencer of the generator becomes extremely hot when the motor runs or even for a time after it has stopped. Do not touch it as it will burn you.
- Do not transport or move the generator until it has cooled down.
- Perform periodic maintenance and resolve problems that appear immediately. Do not run the generator before correcting any fault detected.
- The generator uses a system of air-cooling, and it is necessary to clean its components regularly, including the grilles, the cover of the fan and the fan itself so as to ensure cooling.
- Keep the fuel filter clean, and change the oil of the motor regularly.
- Periodically check the installation of the connections and the tightness of the fixations, re-

tightening them if necessary.

- Clean the components of the air filter periodically, and replace the air filter when necessary.
- Remove any electrical equipment that is plugged in before starting or stopping the generator.
- Before transporting the generator, you must empty the fuel tank.
- Maintenance and repair of the generator must be carried out by a qualified technician from an authorized after-sales service center.
- The generator must not be altered or modified. Any intervention must be done by an authorized after-sales service center.
- Installation and major repair work shall be carried out only by specifically trained personnel

 **Warning:** when you start the generator with the cord, watch out for sudden changes in the rotation of the motor!!! Risk of wounding!!! Never cover the generator when it is running. The cut-out mounted on the generator has the aim of reducing the risk of electric shock. If it needs to be replaced with another cut-out, the latter must correspond to the technical specifications of the generator. Due to important mechanical constraints, it is necessary to use a flexible sheathed cable with a strong rubber protective layer (conforming to IEC 245-4) or a similar cable. If using an electrical extension cable, the total length of the extension must not exceed 60m when the section of the wire is 1.5mm² and must not exceed 100m when the section of the wire is 2.5mm².

Additional requirements for low-power generating sets for use by laymen

- Protect children by keeping them at a safe distance from the generating set.
- Fuel is combustible and easily ignited. Do not refuel during operation. Do not refuel while smoking or near naked flames. Do not spill fuel.
- Some parts of the internal combustion engine are hot and may cause burns. Pay attention to the warnings on the generating set.
- Engine exhaust gases are toxic. Do not operate the generating set in unventilated rooms. When installed in ventilated rooms, additional requirements for fire and explosion protection shall be observed.
- Before use, the generating set and its electrical equipment (including lines and plug connections) should be checked to ensure that they are not defective.
- Protection against electrical shock depends on circuit breakers specially matched to the generating set. If the circuit breakers require replacement, they should be replaced with a circuit breaker having identical ratings and performances characteristics.
- Due to high mechanical stresses, only tough rubber-sheathed flexible cable (in accordance with IEC 60245-4) or the equivalent should be used.
- The user shall conform to regulations of electrical safety applicable to the place where the generating sets are used.
- The user must respect the requirements and precautions in the case of resupply by generating sets of an installation, depending on existing protective measures in this installation and applicable regulations.
- Generating sets should only be loaded up to their rated power under the rated ambient conditions.
- Prior to commencing maintenance work it shall be ensured that untimely start-up is not possible.

Security measures when filling the fuel tank

- The fuel is extremely flammable and poisonous.
- This generator only uses petrol (gasoline); any other kind of fuel will damage the motor.
- Do not overfill the tank with petrol to avoid spilling. If you notice a spill, it must be wiped up completely with a dry cloth before starting the motor.

- If you swallow fuel by mistake, if you inhale fuel vapours or if you get drops of fuel in your eyes, see a doctor immediately. If a certain quantity of fuel is spilt on your skin or clothing, wash or change your clothes.
- Always stop the motor of the generator when filling it with fuel.
- Never fill the fuel tank while smoking or near a naked flame.
- Make sure you don't spill fuel on the motor and the exhaust grille of the generator during filling with fuel.
- Keep the fuel in an appropriate recipient and sheltered from any sources of fire.
- Carry out filling in a safe place, and slowly open the fuel cap to release the pressure which has built up inside the tank. Wipe up any drops of petrol that have spilled before starting the motor.
- To prevent fire, move the generator at least 4 metres away from the area for filling with fuel.
- Make sure that the fuel cap is tightly closed before starting.
- Do not keep petrol in the tank for a long time.
- While using or transporting the generator, make sure you keep the generator upright, otherwise the fuel may escape from the carburettor or the fuel tank.

Electrical safety

Before each use ensure that the load to be connected does not exceed the power of the current produced by the generator.

To avoid electric shock, you must follow the following instructions:

- Do not touch the generator with wet hands.
- Do not run the generator under rain or snow.
- Do not run the generator near water.
- Connect the generator to earth. Use a sufficiently thick conductor for the earth wire.
- Do not operate the generator in parallel with another generator.
- If using electrical extensions, make sure that they are sufficiently thick to transport the current and that they are used correctly.



The connection of a generator used for auxiliary power to the electrical installation of a building must be performed by a qualified electrician, and in conformity to the provisions of the applicable laws and norms in the field of electricity. Incorrect connections will cause leakage of the current from the generator into the lines of the public electricity company. Such leakage could electrocute the workers of the public electricity company working on the network or other persons in contact with the line during a power cut. Also, when the public power supply is re-established, the generator can explode, catch fire or generate fires in the building's electrical installation.


















Before connecting electrical devices to the generator, make sure that their voltage specifications and frequency of functioning correspond to the technical characteristics of the generator. There may be damage if the device connected is not designed to function with a voltage tolerance of +/- 10% or a frequency tolerance of +/- 3 % compared with those of the generator.

Protection of the environment

- You must periodically check the silencer (Before doing this, switch off the generator and let it cool completely). A damaged silencer increases noise.
- Do not throw motor oil into the drains but deposit it at a collection point set up for that purpose.
- The fuel for this machine is combustible and explosive. After stopping the machine, you must handle the remaining fuel correctly and meet local environmental requirements.
- To dispose residual fluids, proceed as follows:

- Close the fuel tap
- Drain fuel from the fuel tank
- Empty carburetor fuel

Symbol explanation

	Attention!
	Please read the manual carefully before using the unit!
	Conforms to relevant safety standards.
	Do not dispose of old appliances with domestic rubbish.
	Add engine oil.
	Guaranteed sound power level.
	No naked flames.
	Ground connection.
	Danger of electric shock.
	Carbon monoxide (CO) danger.
	Fire hazard.
	Risk of being burnt.
	Keep away from the machine.
	It is forbidden to run the generator in an enclosed room because exhaust emissions can lead humans or animals to coma to death.
	Do not connect with the electricity system.

Warnings on the product

Read them carefully before using the generator.

HYUNDAI GROUPE ÉLECTROGÈNE INVERSEUR À ESSENCE BASSE TENSION HG3600i	
Tension/Frequence:	230V/50Hz
Puissance nominale(COP):	3.5kW
Puissance Max.:	3.6kW(S2: 5min)
Courant de sortie AC:	15.2A
Sortie nominale DC:	12V d.c., 8A
Vitesse:	3600/min
Facteur puissance:	1.0
Classe performance:	G1
Classe qualité:	B
Température Max.:	40°C
Altitude Max.:	1000m
Niveau de protection:	IP23M
Poids:	29.5kg
Numéro de série:	20240516177
MADE IN PRC:05/2024	
BUILDER SAS	
32 rue Aristide Bergès - Z.I. du Casque - 31270 Cugnaux - France	
Licensed by Hyundai Corporation Holdings, Korea	

⚠ AVERTISSEMENT
L'UTILISATION D'UN GÉNÉRATEUR À L'INTÉRIEUR VOUS TUERA EN QUELQUES MINUTES. EN RAISON DE LA PRÉSENCE DE MONOXYDE DE CARBONE DANS LES GAZ D'ÉCHAPPEMENT. IL S'AGIT D'UN GAZ TOXIQUE QUE L'ON NE PEUT NI VOIR NI SENTIR.

ENTRETIEN DU FILTRE A AIR
Nettoyer l'élément filtrant une fois toutes les 50 heures d'utilisation, une fois toutes les 10 d'utilisation dans un endroit poussiéreux. Procédure de nettoyage de l'élément filtrant: Nettoyer dans un solvant à point d'éclair élevé, presser, tremper dans une huile de moteur propre, presser pour évacuer l'excès d'huile.

⚠ AVERTISSEMENT
 Assurez-vous de l'absence de déversement ou de fuite de carburant.

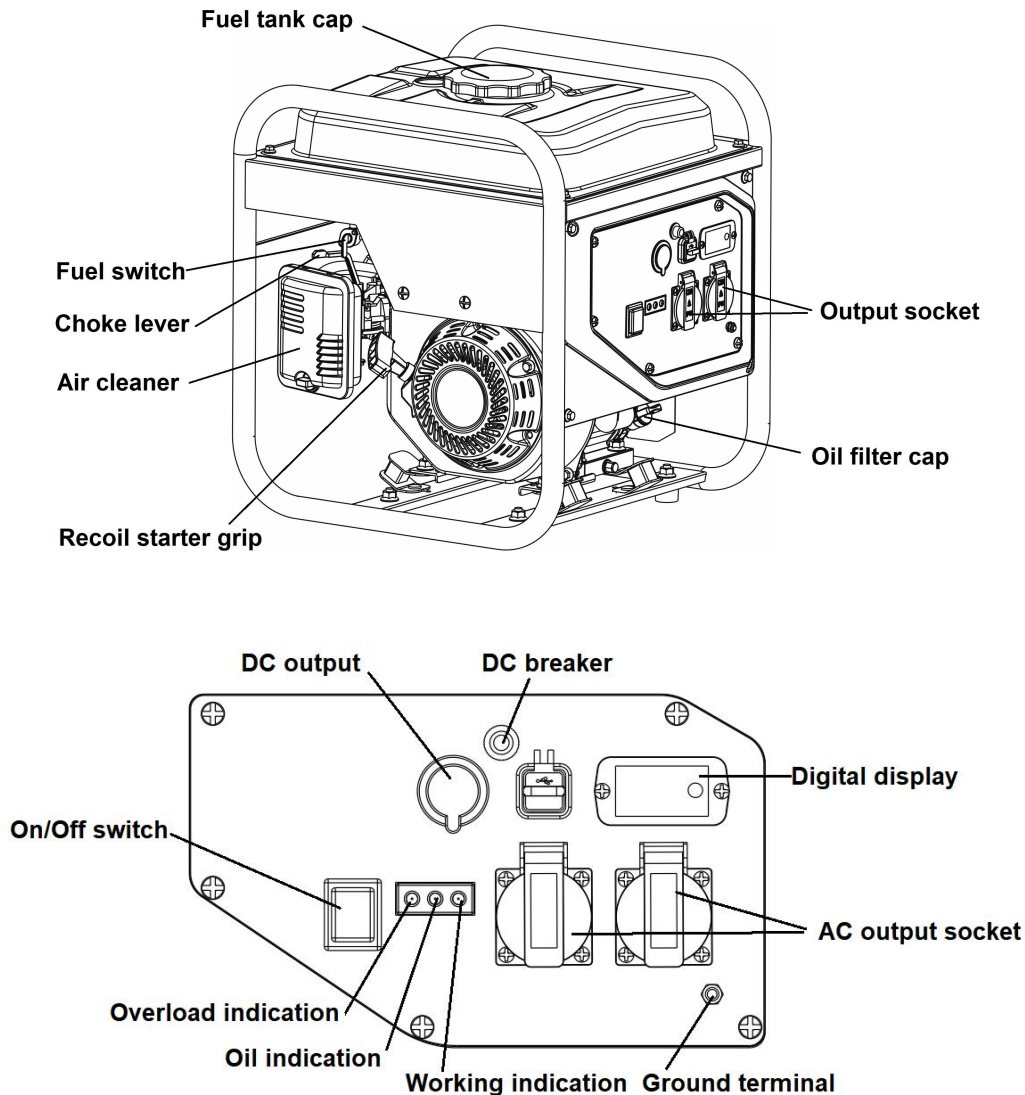
⚠ AVERTISSEMENT
Les gaz rejetés contiennent du monoxyde de carbone, qui est toxique. Ne jamais utiliser dans un endroit fermé et dépourvu de bonne ventilation.

⚠ AVERTISSEMENT
Arrêter le moteur avant de faire le plein.

⚠ NOTE
Echappement Température élevée 



2. PARTS IDENTIFICATION



NOTE: Diagrams may vary according to the types.

3. PRE-OPERATIONAL CHECK

⚠ Caution! Check that the appliance is horizontal and the motor switch is switched on.

Check engine oil level

⚠ Attention!

The engine oil has a great influence on the service life and performance of the engine. Non-soapy oils and two-stroke oils can damage the engine and are therefore not recommended.

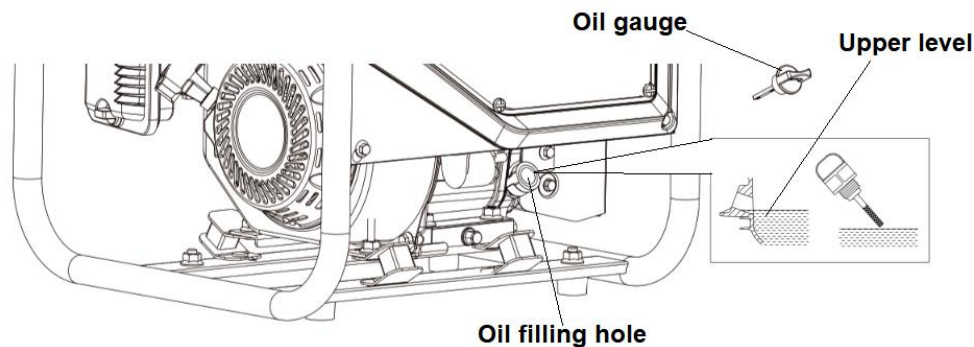
Use a four-stroke oil that meets or exceeds the requirement of API classification SJ. Always check the API SERVICE label on the oil container for the letters SJ.

For daily use at all temperatures we recommend SAE 10W-30. Depending on the average temperature at the site, other viscosity listed in the table can also be used.

Unscrew the gauge and wipe the level bar. Insert the level bar into the filling hole without screwing it in to check the oil level.

When the oil level is low, pour in a recommended oil until the oil level reaches the edge of the filler nozzle.

⚠ Attention! Operation with too low oil level may destroy the generator.



Note: The oil warning system protects the generator from damage caused by too low oil level in the engine housing. Before reaching the minimum level, the oil deficiency indicator lights up and the system automatically switches off the engine (but the motor switch is still ON). If the engine is switched off or the oil deficiency indicator lights up when the starter is pressed, check the oil level first before searching for other errors.

Check fuel level

The generator is powered by unleaded petrol.

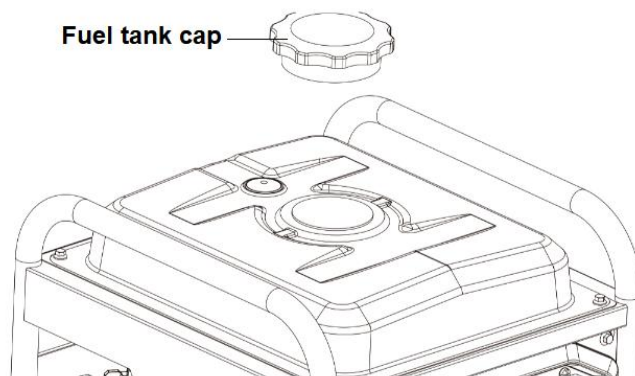
Lead-free petrol reduces deposits in the engine and spark plugs and extends the life of the exhaust system.

If the fuel level is too low, please refill the fuel.

Never use stale or dirty petrol or an oil-gasoline mixture.

Avoid dirt and water entering the fuel tank.

After filling up petrol, screw the fuel cap back in firmly.



Warning!

Petrol is highly flammable and may explode under certain conditions.

Do not smoke when filling up the fuel tank at the place where the fuel is stored and avoid open flames and sparks. Fill the fuel tank only with the appliance switched off and only in well-ventilated locations.

DO NOT overfill the tank (petrol must be below the top mark). After filling, screw in the fuel cap firmly.

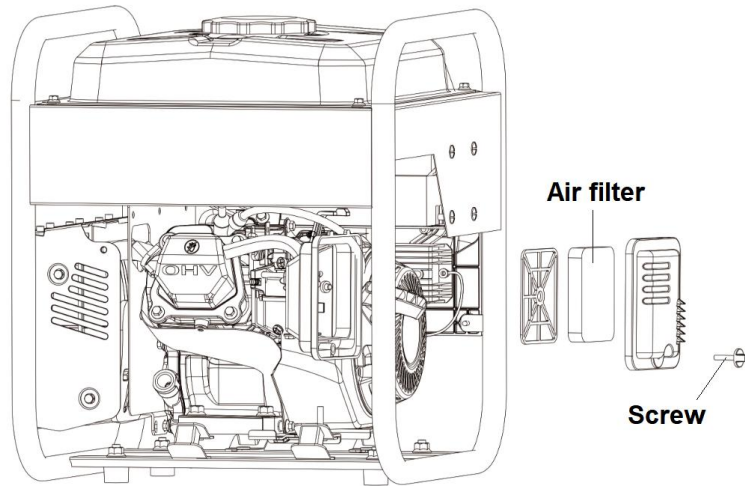
Do not spill petrol when filling. Spilled quantities as well as gasoline fumes can ignite. If petrol is spilled, make sure that the vapors evaporate before the generator is switched on.

Avoid Long-term skin contact with petrol or inhaling petrol fumes.

Check air filter

Check the air filter to make sure it is clean and in good condition.

- a. Loosen the cover screw and remove the left maintenance cover.
- b. Remove the air filter cover and check the air filter.
- c. Pull out the air filter slot according to the following picture
- d. Clean or replace the slot if necessary.



⚠ Attention!

DO NOT start the unit without a cleaning filter, otherwise dirt will enter the engine via the carburetor and lead to increased wear and tear.

Hint! Close choke to transport the generator.

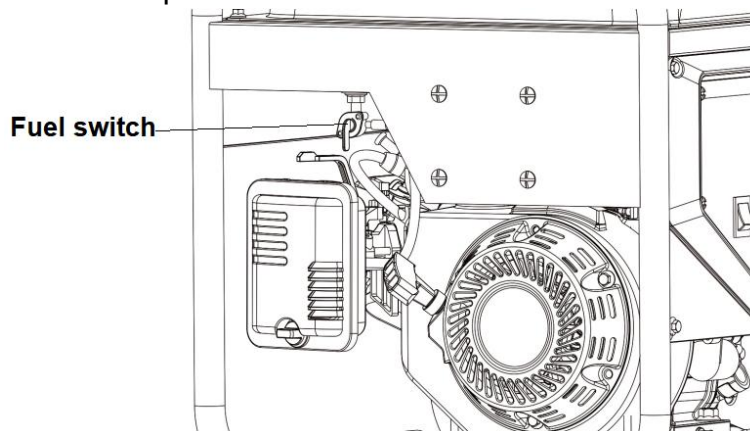
4. OPERATION

STARTING THE ENGINE

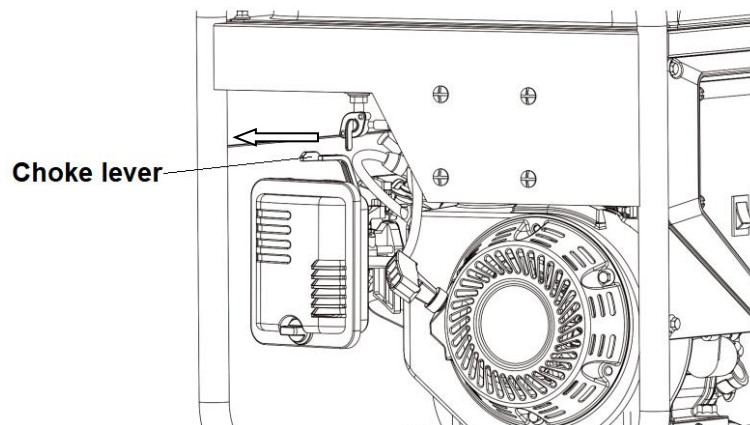
Note: Disconnect plug from power outlet before starting the generator.

Recoil start

1. Turn the fuel switch to the “on” position



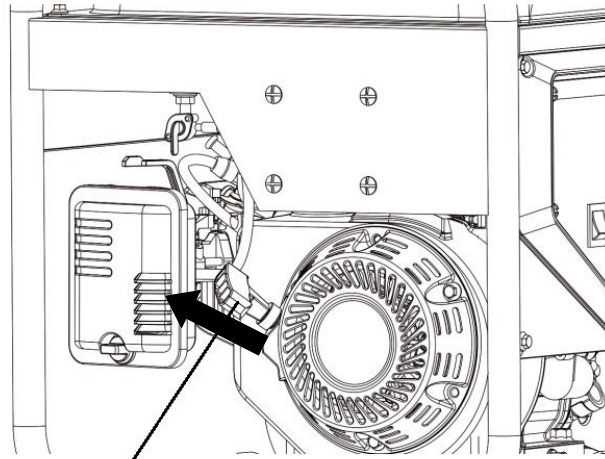
2. Place the choke lever in closed position.



3. Pull the starting handle up to the resistance, then quickly drag it in the direction of the arrow, hold the generator by the carrying handle with the second hand, as shown below.
4. After START, turn the choke lever to the OPERATING position.

⚠ Attention!

Make sure that the handle of the cable pull starter does not hit the generator housing. Carefully return the handle to prevent damage to the handle or housing.



Starter grip

NOTE: If the engine does not start after switching off, check the oil level first.

Operation at altitude

At a certain altitude, the air-fuel mixture in the carburetor becomes too rich. This reduces the performance of the device and increases fuel consumption. A power increase can be achieved by specific modifications of the carburetor. If you are constantly operating your generator at a height of at least 1,500 m above sea level, please have the necessary changes made to the device in our branch.

Even with the modifications, the power of the generator decreases by 3.5% per 300 m height difference. Without modifications to the carburetor, however, the altitude has an even greater effect on the performance of the device.

⚠ Attention!

Modifications to the carburetor to operate the generator at altitude may cause overheating of the engine and serious damage to the device.

Fields of application

⚠ Warning!

To avoid electric shock, the generator should only use a strong cross-section 1.5mm², grounded cable used.

The connection to an on-site power supply must only be made by an electrician. The connection must isolate the generator current from the public grid and comply with the relevant regulations and guidelines. If the generator is connected incorrectly to an on-site power grid, electricity from the generator can flow back into the grid. As a result, people working on lines of the public power grid during a power outage may suffer an electric shock. Similarly, when the power supply is restored, the generator may explode, catch fire or cause a fire.

⚠ Attention!

Avoid exceeding the rated power during continuous operation of the generator. Otherwise, please consider the total consumption of the connected devices.

DO NOT operate generator above rated power.

DO NOT connect the generator to the house circuit as this could destroy the generator or electrical equipment in the house.

Use the generator ONLY as intended.

DO NOT connect generators in parallel.

DO NOT lengthen the exhaust pipe.

Only use SJ or SJO cables for cable extension.

Maximum cable length incl. extension: 60 m for cables with 1.5 mm² average, 100 m for cables with 2.5 mm² average

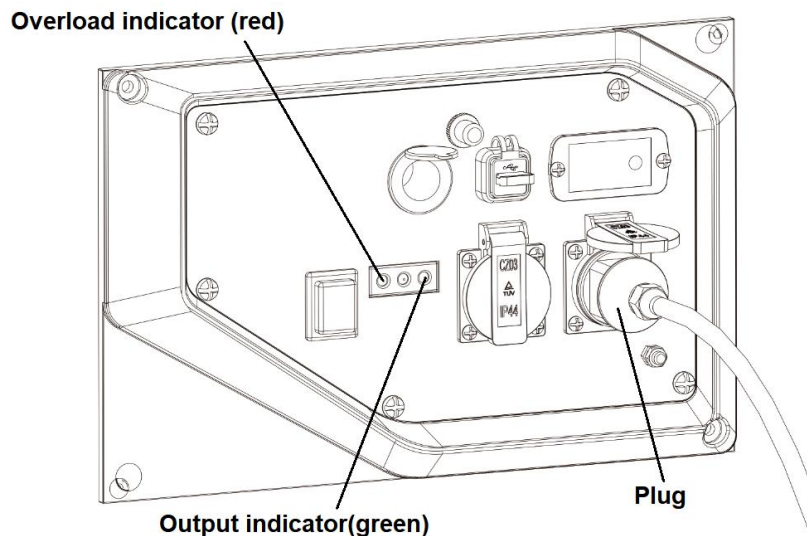
Keep the generator away from other electrical lines, such as distributors

NOTE: You can use DC and AC at the same time. However, make sure that the power consumption does not exceed the permissible total power of the generator.

The power consumption of the connected consumers at start-up must not exceed the rated power of the generator.

Use of AC

1. Turn on the unit and make sure the power indication lights up (green).
2. Ensure the desired consumer is turned off, then plug the consumer's power plug into the outlet.



Attention!

Significant overload of the generator, indicated by constant flashing of the overload indication (red), can damage the generator. A slight overload, indicated by a temporary glow of the overload indication (red), can shorten the service life of the generator.

If the device exhibits abnormal behavior during operation, such as slowed response or abrupt shutdown, it must be switched off immediately. Disconnect the consumer from the generator and determine if the problem is caused by the consumer or if the rated power of the generator has been exceeded.

Operation and overload indication

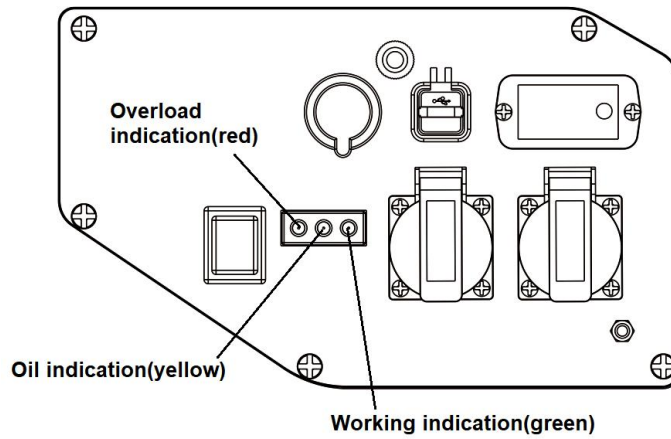
Under normal conditions, the power indication (green) lights up continuously.

If the generator is overloaded or a short circuit in a connected consumer, the overload indication lights up (red). The red overload indicator continues to illuminate; After about four seconds, the power supply of the connected consumer(s) is switched off and the operating indication (green) goes out.

When the red overload indicator lights up, turn off the device and search for the cause of the overload.

Connected consumers check and ensure that their power consumption does not exceed the rated power of the generator, then plug the mains plug into the outlet and turn on the generator.

Ensure that connected loads are switched off when starting the generator.



⚠ Attention!

If the power indication (green) and the overload indication (red) both light up when the generator is started, and the overload indicator still lights up after the power indicator has expired, please contact the manufacturer.

1. Grounding equipment

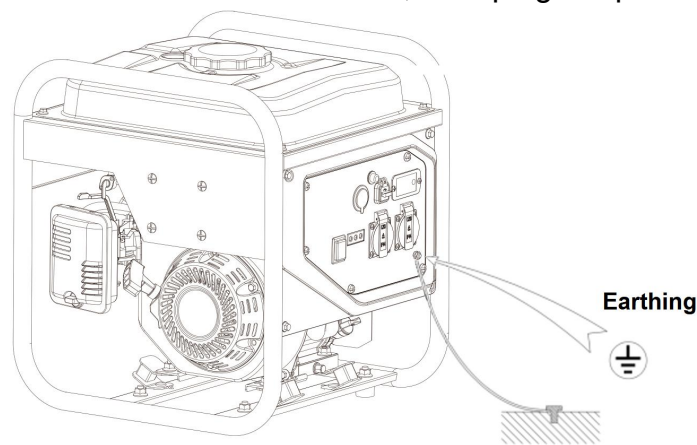
The generator is equipped with a grounding, which can be found at the bottom of the control panel. To avoid electric shock, do not connect the grounding to a water pipe.

For grounding use cables with a cross section of 1.5 mm².

2. Turn on the device as described in "Turn on generator".

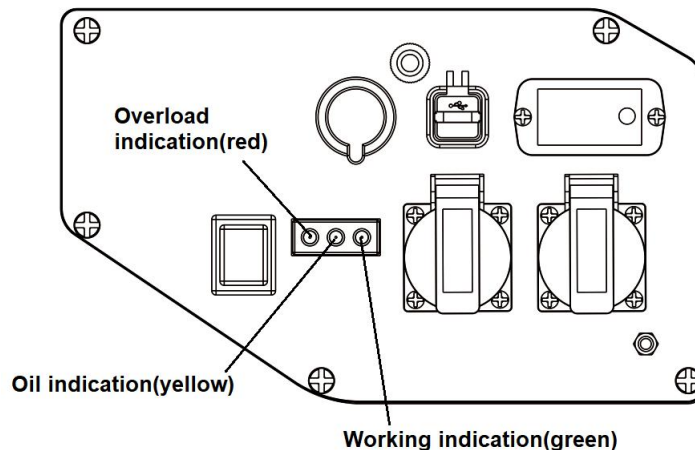
If the overload indication (red) is still lit even after the power indication (green) has expired, turn off the device at the main switch and then restart the engine as described in "Turn on generator".

3. Make sure all connected consumers are turned off, then plug the power plug into the outlet.



⚠ Attention!

If connected consumers are switched on before starting the generator, there is a risk of injury due to the abrupt start-up of the consumers.



4. Turn on the consumer when the working indication (green) is lit.

In the event of overload or malfunction of the consumers, the power indication (green) goes out and the overload indication (red) lights up. Power supply to consumers is cut off. However, the generator does not turn off automatically; it must be switched off at the main switch.

Normal operation

Attention!

Inductive consumers require more power when starting up; in this case, both the operating and overload indications light up at short notice. That's perfectly normal. After starting the consumers, the overload indication goes out and only the power indication lights up.

DC current application (DC 12 V, 8A)

NOTE!

1. Connect the DC power outlet. The connections of the Cables should ensure the (+) and (-) polarity.

After connecting, the DC circuit protection must be set to "ON" when the DC protection is in "OFF" position.

2. Turn on the engine

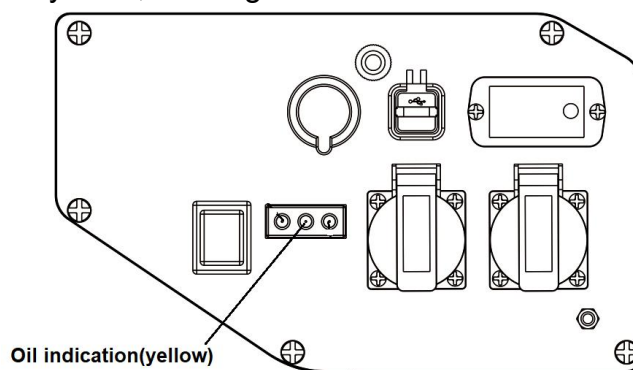
DC and AC can be used simultaneously.

If the overload switch triggers in the DC circuit, press the reset button.

Oil warning system

The oil warning system protects the engine from damage caused by too low oil level in the engine housing. Before the minimum level is exceeded, the system automatically switches off the engine (but the main switch remains on).

If you want to restart the engine after a stop by the oil warning system, pay attention to the oil shortage indication. If it lights yellow, the engine cannot be started. In this case, add more oil.

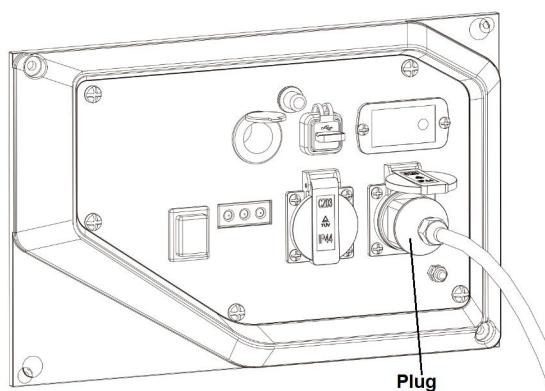


Turn off generator

To turn off the generator in an emergency, simply set the main switch to OFF.

Normal operation

1. Disconnect consumers from the generator.



⚠ Attention!

When switching off, transporting and storing the generator, make sure that the lid of the fuel tank is closed and the engine switch is switched off.

5. MAINTENANCE

Good maintenance of your generator ensures safe, economical and trouble-free operation. This also reduces air pollution.

⚠ WARNING!

Turn off the generator before servicing. If maintenance needs to be done on the generator running, MAKE sure the site is well ventilated as the unit emits toxic carbon monoxide gas.

NOTE: When replacing defective or worn parts, use only original spare parts or equivalent parts to avoid damage to the generator.

Regular maintenance at the specified times or after the corresponding operating hours (select earlier date)		With every use	Monthly or every 20 hours	Every 3 months or every 50 hours	Every 6 months or every 100 hours	Every year or every 300 hours
Maintenance point						
Engine Oil	Check	○				
	Change		○	○		
Air Filter	Check	○				
	Clean			○		
Spark Plug	Check and adjust				○	
Combustion chamber	Clean					○
Valve clearance	Check and adjust					○
Fuel tank and air filter	Clean					○
Fuel line	Check		Every 2 years , replace if necessary			

Note: More frequent maintenance when used in dusty environments.

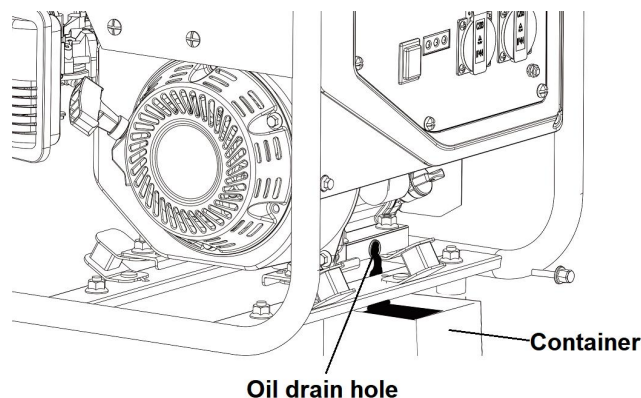
Change engine oil

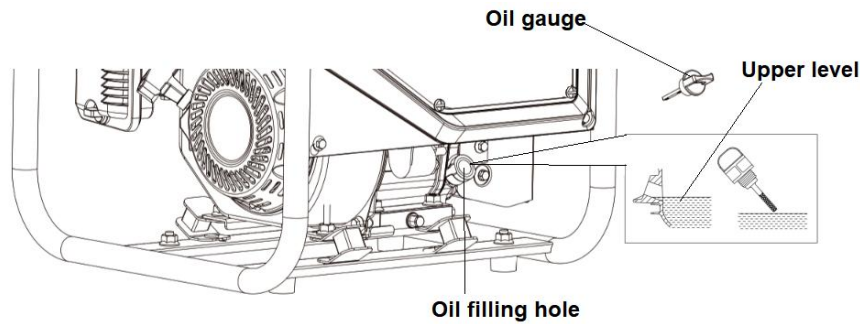
Drain waste oil while the engine is warm. Warm oil drains quickly and completely.

⚠ Attention! Turn off the engine switch and close the fuel switch to prevent the fuel from leaking.

1. Place a suitable container next to the generator to collect the waste oil.
2. Loosen the screw on the left side cover and remove it.
3. Make sure the generator is horizontal, put the drain screw back and tighten it.
4. Add a recommended new oil to the oil tank.
5. Screw the oil gauge back tightly.

Oil tank volume: 0.6l





Please dispose of the waste oil in an environmentally friendly manner.

We recommend that you bring it to the local service center in a sealed container. Do not put these types of waste in the normal garbage or pour it out on the floor.

After handling waste oil, wash hands with soap and water.

⚠ Attention!

Improper disposal of waste oil can lead to environmental damage. If you change the oil yourself, please ensure environmentally friendly disposal. Pour oil into a sealed container and bring to the collection point. Do not throw in the trash can or pour on the floor or in the drain.

Maintenance of the air filter

A dirty air filter hinders the air supply of the carburetor. Regularly maintain the air filter to avoid a malfunction of the carburetor. Shorter maintenance intervals are necessary when the generator is operated in a very dusty environment.

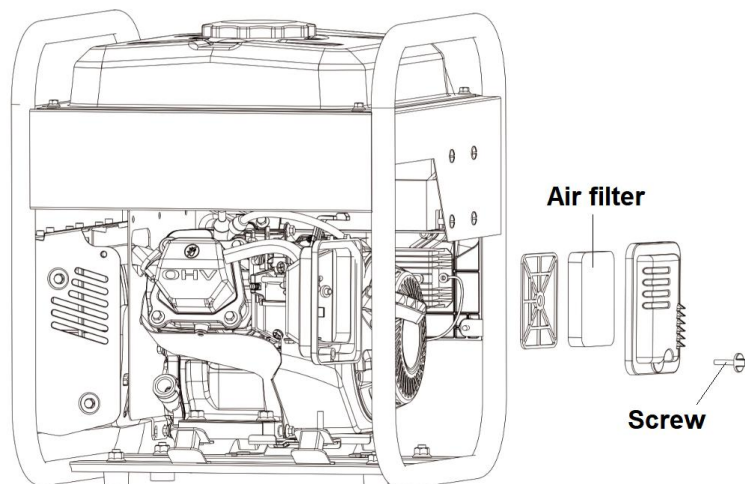
⚠ Warning!

Never use gasoline or flammable solvents to clean the air filter; This could cause a fire or explosion. Use soapy water or non-flammable cleaner instead.

Check air filter

Check the air filter to make sure it is clean and in good condition.

- a. Loosen the cover screw and remove the left maintenance cover.
- b. Press locking clamp at the top of the air filter body, remove the air filter cover and check the air filter.
- c. Pull out the air filter slot according to the following picture
- d. Clean or replace the slot if necessary.

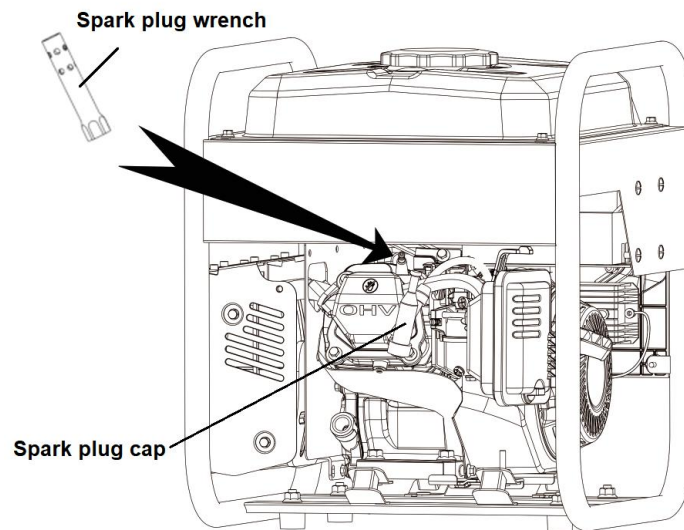


Spark plug maintenance

Please use a high quality original spark plug.

For trouble-free operation of the engine, the spark plug must be free of deposits and the electrode distance correctly adjusted.

1. Remove spark plug cover.
2. Remove deposits from spark plug seat
3. Remove spark plug with spark plug wrench



4. Visually inspect spark plug. In case of cracks or splinters on the insulator, dispose of the candle.
5. measure electrode distance with a suitable gauge; the distance should be 0.6-0.7mm.
6. Ensure that the spark plug sealing ring is in good condition; Screw the spark plug in by hand to prevent the thread from tearing out.
7. After screwing in, tighten the candle with a spark plug wrench to squeeze the sealing ring. When installing a new spark plug, turn the candle ½ turn after screwing in, when installing a used spark plug ⅛ - ¼ turn.
8. Put the plug back firmly on the spark plug.
9. Replace spark plug cover.

⚠ Attention!

The spark plug must be screwed in tightly, otherwise it will become hot and may damage the generator.

A loose spark plug can become too hot and damage the engine.

6. TRANSPORT AND STORAGE

To avoid leaking fuel during transport and storage, close the fuel tap and choke and place the generator in an elevated position.

⚠ Warning!

When transporting the generator, please note the following:

DO NOT overfill the fuel tank (there should be no gasoline at the top of the tank).

Do NOT operate the generator in a truck or other vehicle, but only on solid ground and in a well-ventilated location.

Protect the generator from the sun during transport; During transport in a sealed container gases can otherwise form and ignite due to the high temperatures.

Do not transport the generator over uneven roads for long periods of time; If this is unavoidable, please empty the fuel tank completely.

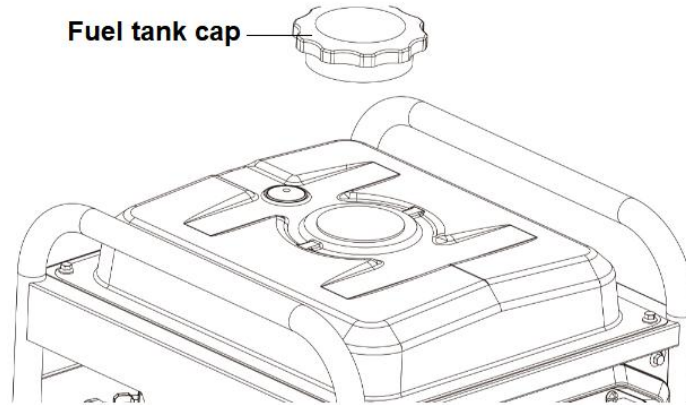
Before long-term storage of the generator:

1. Make sure the storage place is dry and clean.
2. Empty the fuel tank completely

⚠ Warning!

Petrol can be highly flammable and explosive under certain conditions. In the presence of gasoline, please avoid any ignition sources.

1. Fill the gasoline from the fuel tank into another container. Place the tub below the carburetor. Open the screw on the carburettor and then the gasoline tap to drain the gasoline, remove the spark plug and pull the starter cable 3-4 times to remove the remaining gasoline from the gasoline pump and carburettor.
2. Close the fuel tap, tighten the fuel drain screws and replace the spark plug.



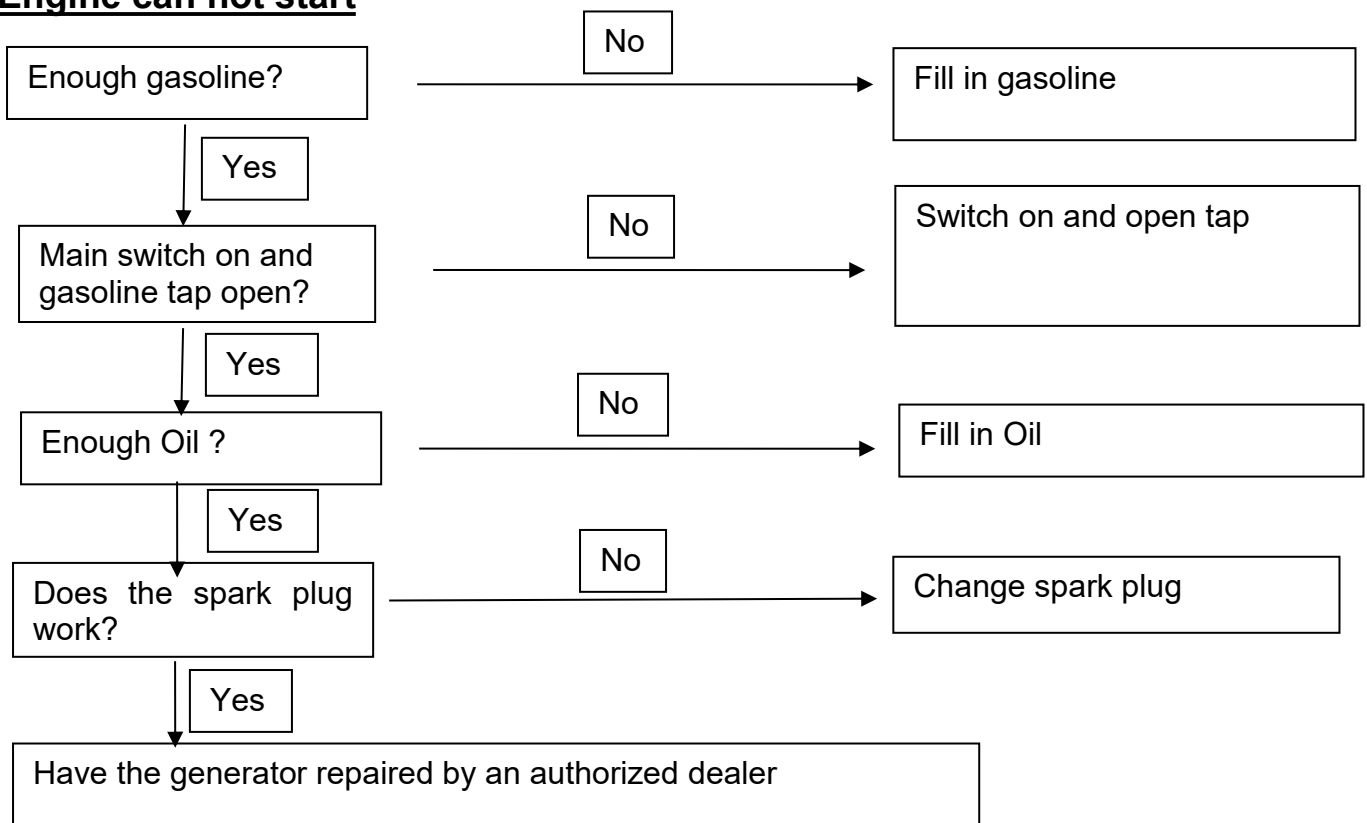
Note:

Please dispose of the waste oil in an environmentally friendly manner. We recommend that you bring it to the local service center in a sealed container. Do not put these types of waste in the normal garbage or pour it out on the floor.

3. Change engine oil
4. Remove spark plug and pour a spoon of fresh oil into the cylinder. Start the engine a few times to distribute the oil, then insert the spark plug again.
5. Pull starter slowly until resistance is felt. In this condition, the piston is at the top, the fuel supply is shut off and the generator is protected from rust during storage.

7. TROUBLESHOOTING

Engine can not start



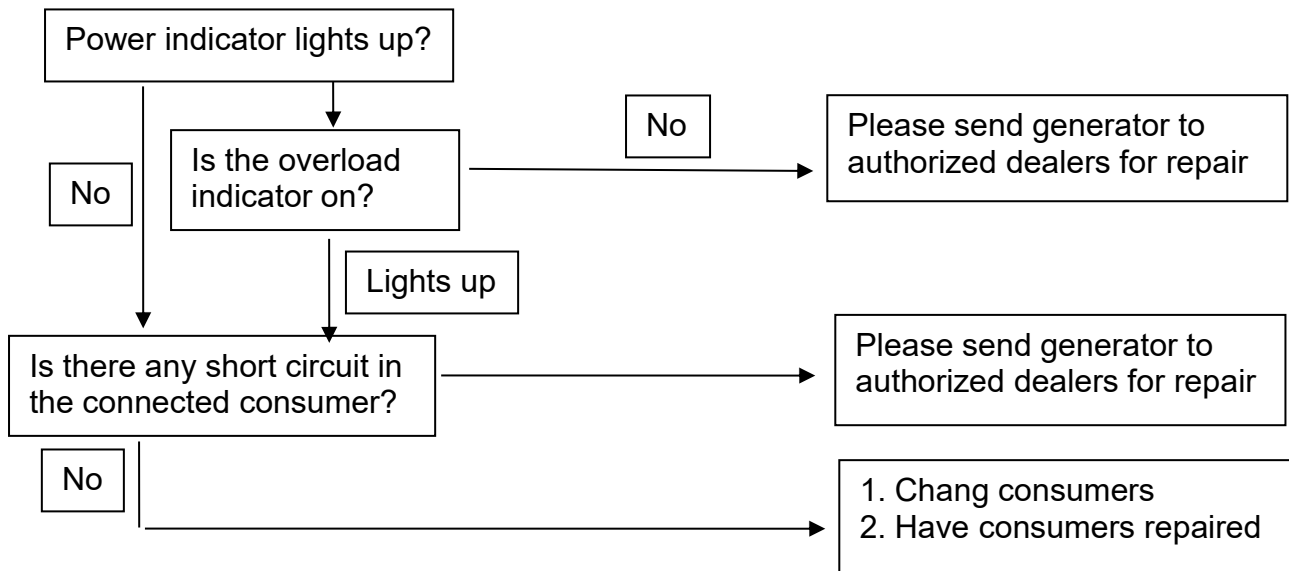
Steps to check spark plug

Warning!

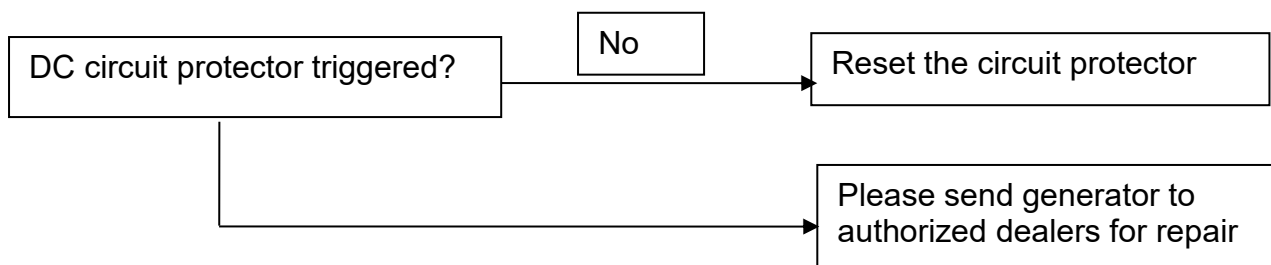
Make sure there is no petrol in the vicinity of the spark plug. The gasoline can ignite easily. If the engine still does not start, please send the generator to one of our authorized dealers for repair.

- (1). Remove the plug from the spark plug; Clean spark plug and plug.
- (2). Remove the spark plug and plug it into the plug.
- (3). Put the spark plug on the ground.
- (4). Pull the starter cable pull and check if there is an ignition spark.

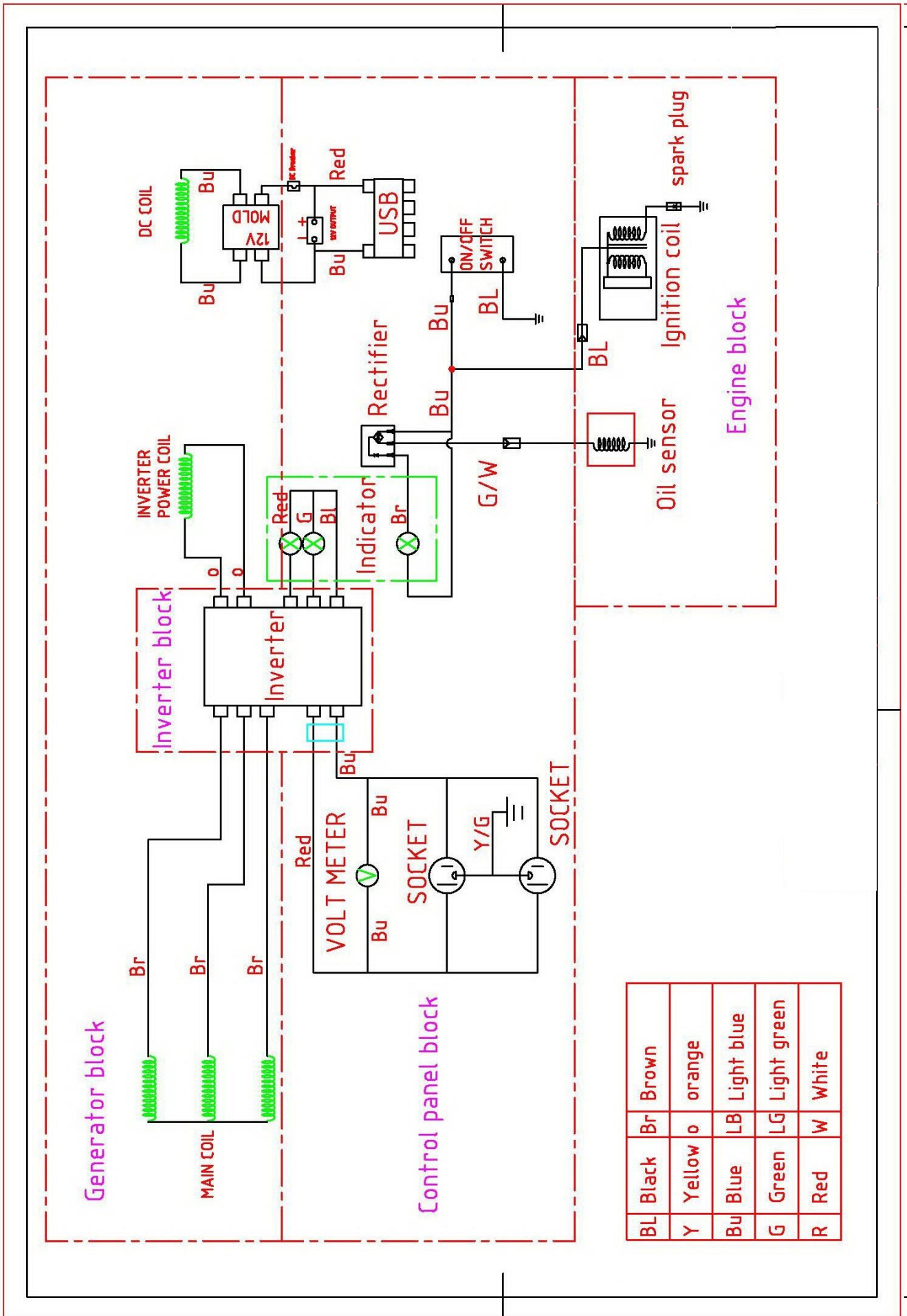
Connected consumers can not work



No power on the DC socket



8. CIRCUIT DIAGRAM



BL	Black	Br	Brown
Y	Yellow	o	orange
Bu	Blue	LB	Light blue
G	Green	LG	Light green
R	Red	W	White

9. SPECIFICATIONS

Engine	Engine model	PT170F
	Engine type	Single cylinder, 4-strokes, Forced air cooling, OHV.
	Displacement	212cc
	Rated speed	3600/min
	Igniting system	Transistor magneto
	Starting system	Recoil
	Fuel tank capacity	11.5 L
	Continuous operation time	6h
	Min. Fuel consumption (g/kWh)	360 g/kWh
	Oil tank capacity	0.6L
	Measured sound pressure level, L_{pA}	74.6 dB(A), K = 3,0 dB(A)
	Measured sound power level, L_{wA}	94.6 dB(A) K = 1,92 dB(A)
	Guaranteed sound power level	97 dB(A)
Generator SET	AC output Voltage	230 V~
	AC Frequency	50 Hz
	AC rated output power (COP)	3.5 kW
	AC max output power	Max. 3.6 kW (S2:5min)
	Power factor	1.0
	Rated current (AC)	15.2 A
	Rated output (DC)	12V d.c., 8A/ 5V d.c., 3.6A
	Performance class	G1
	Quality class	B
	Max. temperature	40°C
	Max. altitude	1000 m
	Degree of protection against liquids	IP23M
	Size (LxWxH)	45 cm x 43.5 cm x 53 cm
Net weight	29.5 kg	

10. DECLARATION OF CONFORMITY



BUILDER SAS

ZI, 32 RUE ARISTIDE BERGES – 312070 CUGNAUX – FRANCE

Declares that the machinery designated below:

LOW POWER INVERTER PERTOL GENERATING SET

Model: HG3600i

Serial number: 20240516177-20240516226

Complies with the provisions of the Directive “machinery” 2006/42/CE and national laws transposing it:

Also complies with the following European directives:

EMC Directive 2014/30/EU

RoHS Directive (EU) 2015/863 amending 2011/65/EU

Emission directive (EU) 2016/1628 & 2018/989/EU

Noise directive 2000/14/CE Annex VI + 2005/88/CE

Also complies with European standards, with national standards and the following technical provisions:

EN ISO 8528-13:2016

EN 55012:2007/A1:2009

EN IEC61000-6-1:2019

Notified body of noise certificate: TÜV SÜD Industrie Service GmbH (Notified Body 0036),
Westendstraße 199 80686 MÜNCHEN (Germany)

Measured sound power level, LwA: 94.6 dB(A), K = 1.92 dB(A)

Guaranteed Sound power level: 97 dB(A)

Responsible for the technical file: Michel Krebs

Done at Cugnaux, 10/04/2024

Philippe MARIE / PDG

11. WARRANTY

HYUNDAI

WARRANTY

The manufacturer guarantees the product against defects in material and workmanship for a period of 2 years from the date of the original purchase. The warranty only applies if the product is for household use. The warranty does not cover breakdowns due to normal wear and tear.

The manufacturer agrees to replace parts identified as defective by the designated distributor. The manufacturer does not accept responsibility for the replacement of the machine, in whole or in part, and/or ensuing damage.

The warranty does not cover breakdowns due to:

- insufficient maintenance.
- abnormal assembly, adjustment or operations of the product.
- parts subject to normal wear and tear.

The warranty does not extend to:

- shipping and packaging costs.
- using the tool for a purpose other than that for which it was designed.
- the use and maintenance of the machine done in a manner not described in the user manual.

Due to our policy of continuous product improvement, we reserve the right to alter or change specifications without notice. Consequently, the product may be different from the information contained therein, but a modification will be undertaken without notice if it is recognized as an improvement of the preceding characteristic.

READ THE MANUAL CAREFULLY BEFORE USING THE MACHINE.

When ordering spare parts, please indicate the part number or code, you can find this in the spare parts list in this manual. Keep the purchase receipt; without it, the warranty is invalid. To help you with your product, we invite you to contact us by phone or via our website:

- **+33 (0)9.70.75.30.30**
- **<https://services.swap-europe.com/contact>**

You must create a "ticket" via the web platform.

- Register or create your account.
- Indicate the reference of the tool.
- Choose the subject of your request.
- Describe your problem.
- Attach these files: invoice or sales receipt, photo of the identification plate (serial number), photo of the part you need (for example: pins on the transformer plug which are broken).



12. PRODUCT FAILURE

WHAT TO DO IF MY MACHINE BREAKS DOWN?

If you bought your product in a store:

- a) Empty the fuel tank if your product has one.
- b) Make sure that your machine is complete with all accessories supplied, and clean! If this is not the case, the repairer will refuse the machine.

Go to the store with the complete machine and with the receipt or invoice.

If you bought your product on a website:

- a) Empty the fuel tank if your product has one..
- b) Make sure that your machine is complete with all accessories supplied, and clean! If this is not the case, the repairer will refuse the machine.
- c) Create a SWAP-Europe service ticket on the site: <https://services.swap-europe.com> When making the request on SWAP-Europe, you must attach the invoice and the photo of the nameplate (serial number).
- d) Contact the repair station to make sure it is available before dropping off the machine.

Go to the repair station with the complete machine packed, accompanied by the purchase invoice and the station support sheet downloadable after the service request is completed on the SWAP-Europe site

For machines with engine failure from manufacturers BRIGGS & STRATTON, HONDA and RATO, please refer to the following instructions.

Repairs will be done by approved engine manufacturers of these manufacturers, see their site:

- <http://www.briggsandstratton.com/eu/fr>
- <http://www.honda-engines-eu.com/fr/service-network-page;jsessionid=5EE8456CF39CD572AA2AEEDFD290CDAE>
- <https://www.rato-europe.com/it/service-network>

Please keep your original packaging to allow for after-sales service returns or pack your machine with a similar cardboard box of the same dimensions.

For any question concerning our after-sales service you can make a request on our website <https://services.swap-europe.com>

Our hotline remains available at +33 (9) 70 75 30 30.



13. WARRANTY EXCLUSIONS

THE WARRANTY DOES NOT COVER:

- Start-up and setting up of the product.
- Damage resulting from normal wear and tear of the product.
- Damage resulting from improper use of the product.
- Damage resulting from assembly or start-up not in accordance with the user manual.
- Breakdowns related to carburetion beyond 90 days and fouling of carburetors.
- Periodic and standard maintenance events.
- Actions of modification and dismantling that directly void the warranty.
- Products whose original authentication marking (brand, serial number) has been degraded, altered or withdrawn.
- Replacement of consumables.
- The use of non-original parts.
- Breakage of parts following impacts or projections.
- Accessories breakdowns.
- Defects and their consequences linked to any external cause.
- Loss of components and loss due to insufficient screwing.
- Cutting components and any damage related to the loosening of parts.
- Overload or overheating.
- Poor power supply quality: faulty voltage, voltage error, etc.
- Damages resulting from the deprivation of enjoyment of the product during the time necessary for repairs and more generally the costs related to the immobilization of the product.
- The costs of a second opinion established by a third party following an estimate by a SWAP-Europe repair station
- The use of a product which would show a defect or a breakage which was not the subject of an immediate report and/or repair with the services of SWAP-Europe.
- Deterioration linked to transport and storage*.
- Launchers beyond 90 days.
- Oil, petrol, grease.
- Damages related to the use of non-compliant fuels or lubricants.

* In accordance with transport legislation, damage related to transport must be declared to carriers within 48 hours maximum after observation by registered letter with acknowledgement of receipt.

This document is a supplement to your notice, a non-exhaustive list.

Attention: all orders must be checked in the presence of the delivery person. In case of refusal by the delivery person, it you must simply refuse the delivery and notify your refusal.

Reminder: the reserves do not exclude the notification by registered letter with acknowledgement within 72 hours.

Information: Thermal devices must be wintered each season (service available on the SWAP-Europe site). Batteries must be charged before being stored.

HYUNDAI

POWER PRODUCTS



For inquiries, please contact:

BUILDER SAS

32 rue Aristide Bergès - Z.I. du Casque - 31270 Cugnaux - France

Tél.: +33(0)5.34.502.502 Fax.: +33(0)5.34.502.503

<http://www.hyundaipower-fr.com/>

Fabriqué en République Populaire de Chine(PRC)