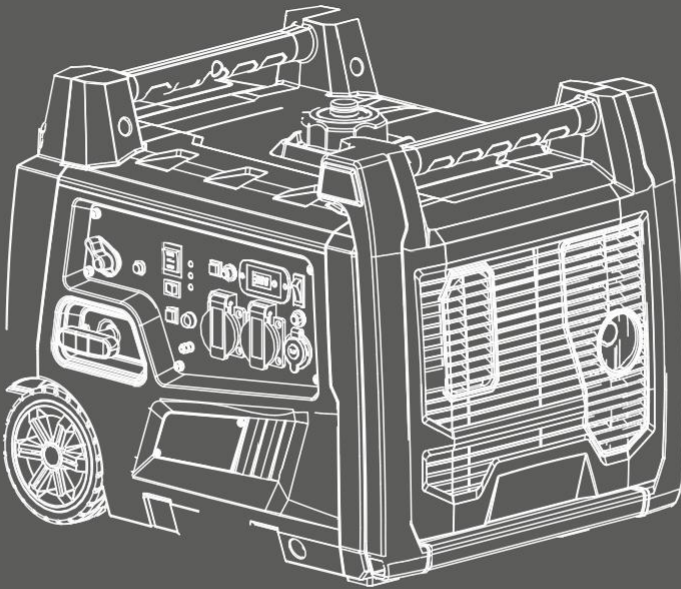


LOW VOLTAGE GENERATOR SET
HG4000I-AR1

INSTRUCTIONS ORIGINALES





Warning: Please read the manual carefully before using the unit!

1. SAFETY INSTRUCTIONS



Warning:

1. Caution! The exhaust gases are toxic. Do not operate the generator in a room without ventilation!
2. Children must be protected by keeping them at a safe distance from the generator!
3. Refilling of the generators is not allowed during operation!
4. If the generator is installed in a closed room, the fire and explosion safety regulations must be followed!
5. Do not connect to the domestic circuit!
6. Do not use in a humid environment!
7. Keep flammable materials away!
8. Filling up with fuel:
 - a) stop the engine;
 - b) do not smoke;
 - c) do not spill.



General safety instructions

- The operator must know the operating principles and structure of the generating set and the engine, how to stop the engine in case of emergency and how to handle its control parts.
- Never allow children to use this appliance.
- Never allow people digesting these instructions to use this device. Local regulations may impose an age restriction on the user.
- Do not use this appliance when people, especially children, or pets are nearby. Keep them out of the work area.
- The operator or user is responsible for possible accidents or damage to other people and property.
- Do not wear loose clothing or jewellery, as they can be caught by the rotating machine.
- Use safety equipment. Wear protective items such as dust masks, non-slip safety shoes, hard hats or hearing protection.
- Stay alert, watch what you are doing and use common sense when using the generator. Do not use it when you are tired or under the influence of drugs, alcohol or medication.
- Install the generating set in a well ventilated area, keep at least 1.5 metres distance between the generating set and the walls of the building or other equipment. Keep all flammable liquids and gaseous materials away from the generating set.

- Do not run the generator in a closed or poorly ventilated area. The gases released by the engine contain carbon monoxide, which is toxic and can cause unconsciousness or death.
- Run the generator set according to the power rating stated in the operating instructions. Avoid running the generator set under overload or at excessive speed.
- The exhaust silencer of the generating set becomes extremely hot when the engine is running or even for a while after it has stopped. Do not touch it, otherwise you may get burnt.
- Do not transport or store the generator until it has cooled down completely.
- Carry out maintenance periodically and solve any problems that occur in time. Do not run the generator set until the fault has been rectified.
- As the generator set uses an air cooling system, it is necessary to regularly clean its components such as the grilles, fan cover and fan to ensure cooling.
- Keep the fuel filter clean, change the engine oil periodically.
- Periodically check the installation, the connections and the tightness of the fasteners, retighten if necessary.
- Clean the air filter components periodically, renewing the air filter as required.
- Switch off all connected electrical appliances before starting or stopping the engine of the generating set.
- Before transporting the generator, the fuel tank must be emptied.
- Maintenance and repairs to the generator set must be carried out by a qualified technician from an authorised service centre.

Warning: When starting your generator with the cord, beware of sudden changes in engine rotation! Risk of injury! Never cover the generator when it is running. The circuit breaker mounted on the generator is intended to prevent the risk of electric shock. If the circuit breaker is to be replaced by a new one, it must correspond to the technical specifications of the generating set. Due to high mechanical stress, a flexible cable with a strong rubber protection (according to IEC 245-4) or a similar cord should be used. If an extension cord is used, the total length of the extension cord should not exceed 60m when the wire cross-section is 1.5mm² ; the length of the extension cord should not exceed 100m, when the wire cross-section is 2.5mm² .

Additional requirements for low power generators to be used by untrained persons.

- Protect children by keeping them at a safe distance from the generating set.
- Fuel is combustible and can be ignited easily. Do not refuel during operation. Do not refuel while smoking or near open flames. Do not spill fuel.

- Parts of the engine are hot and can cause burns. Pay attention to the warnings on the generator set.
- Engine exhaust fumes are toxic. Do not operate the generator in unventilated rooms. When installed in ventilated rooms, the requirements for fire and explosion protection must be observed.
- Before use, the generating set and its electrical equipment (including lines and plugs) should be checked to ensure that they are not defective.
- Protection against electric shocks depends on circuit breakers specially adapted to the generator set. If the circuit breakers need to be replaced, they should be replaced with a circuit breaker with identical characteristics and performance.
- Due to high mechanical stress, only a strong rubber cable (according to IEC 60245-4) or equivalent should be used.
- the user must comply with the electrical safety regulations applicable to the location where the units are used.
generators are used
- the user must observe the requirements and precautions for replenishment according to the protective measures in place at this facility and the applicable regulations.
- Generating sets should only be charged at their rated power under the rated ambient conditions.
- Before starting maintenance work, it must be ensured that an unintended start is not possible.

Safety instructions for filling up with fuel

- Fuel is extremely flammable and harmful.
- This generator only uses petrol, any other fuel than petrol would damage the engine.
- Do not overfill the tank to avoid overflowing. When a spill occurs, wipe it up completely with a dry cloth before starting the engine.
- If you have swallowed fuel by mistake, inhaled fuel vapours or had fuel drops get into your eyes, you should see a doctor immediately. If any fuel is spilled on your skin or clothing, you will need to wash and change your clothes.
- Always stop the engine of the generating set when refuelling.

- Never fill up while smoking or near a flame.
- Be careful not to spill fuel on the engine and exhaust grille of the generator set when refuelling.
- Keep fuel in a suitable container, clean and away from sources of ignition.
- Fill up with fuel in a safe place, open the fuel cap slowly to release the pressure that has built up inside the tank. Wipe up any spilled fuel before starting the engine.
- To prevent fire, move the generator set at least 4 metres away from the fuel filling area.
- Check that the fuel cap is tight before starting.
- Do not keep petrol in the tank for a long time.



When using or transporting the generator set, make sure to hold the generator set upright, otherwise fuel may leak from the carburettor or fuel tank.



Electrical safety

Check before each use that the load to be connected does not exceed the current output of the generator set.

To avoid electric shock, the following instructions should be followed:

- Do not touch the generating set with wet hands.
- Do not run the generator set in rain or snow.
- Do not run the generator near water.
- Connect the generating set to earth. Use a sufficiently large conductor wire as a grounding cable.
- Do not operate the generator set in parallel with another generator set.
- If extension cords are used, it must be ensured that they are large enough to carry the current and that they are used correctly.



The connections of a generator, used as an auxiliary power supply, to the electrical installation of a building must be carried out by a qualified electrician, and in accordance with the provisions of all applicable laws and standards in the electrical field. Incorrect connections will cause electrical current to flow back from the generator into the utility lines. Such backflow can electrocute

workers of the public electricity company working on the network or other persons in contact with the line during a power cut; furthermore, when the public electricity supply is restored, the generator may explode, burn or generate fire in the building's electrical installation.



Before connecting electrical appliances to the generator set, it is necessary to check whether their operating voltage and frequency specifications correspond to the technical specifications of the generator set. Damage could occur if the connected device is not designed to operate with a voltage tolerance of +/-10% or a frequency tolerance of +/-3% to those of the generating set.

Environmental protection

- The exhaust silencer should be checked periodically (before doing so, switch off the generator and let it cool down completely). A damaged muffler causes an increase in noise.
- Do not dispose of motor oil in the sewage system but deposit it in a collection point provided for this purpose.
- The fuel for this machine is combustible and explosive. After the machine is shut down, the additional fuel must be properly treated and local environmental requirements must be met.
- To dispose of residual fluids, please proceed as follows:
 - Close the fuel tap
 - Empty the fuel from the fuel tank
 - Empty the fuel from the carburettor

2 Symbols

The following symbols are used in this manual to help differentiate between types of information. The safety symbol is used as a key word to alert you to potential hazards associated with the operation and ownership of electrical equipment.

Observe all safety instructions to avoid or limit the risk of serious injury or death.



This is the safety alert symbol. It is used to alert you to the possibility of personal injury and property damage. Follow all safety messages that follow this symbol to avoid possible injury or death or damage to property.



To reduce the risk of personal injury and property damage, the user must read and understand this manual before using this product.



It is not allowed to run the generator in a closed room, as the exhaust emissions can lead to coma or death of humans or animals.



This symbol indicates that the surface is very hot and should not be touched.

The engine and exhaust grille will become hot after the engine has been running for some time. When servicing or repairing before they have cooled down completely, take care to avoid contact of your skin or clothing with the engine and the exhaust grille.



Pas de flammes nues.



Do not connect to the electricity system.



Do not dispose of old appliances with household waste.

(€This tool complies with European standards and directives

Guaranteed level of sound emission



Danger! Electric shock!



Exhaust emissions are harmful to the health of the body.



No open flames.

This symbol indicates the surface is very hot and should not be touched.

⚠ WARNING

DO NOT TOUCH! Exhaust gases, muffler, and engine components are extremely **HOT** and can cause burns.



⚠ AVERTISSEMENT

NE PAS TOUCHER ! Les gaz d'échappement, le silencieux et les éléments du moteur sont extrêmement **CHAUDS** et peuvent causer de brûlures.

TO PREVENT ENGINE DAMAGE THE SPARK ARRESTER SHOULD BE CLEANED EVERY 100 HOURS

POUR PRÉVENIR LES DOMMAGES AU MOTEUR, LE PARE-ÉTINCELLES DEVRAIT ÊTRE NETTOYÉ A TOUTES LES 100 HEURES

⚠ DANGER

FOR USE IN A WEATHER PROTECTED AREA ONLY

WHEN STORING GASOLINE OR EQUIPMENT WITH FUEL IN TANK: Store away from furnaces, stoves, water heaters or other appliances that have a pilot light or other ignition source because they can ignite gasoline vapors.

⚠ DANGER

EMPLOYEZ UNIQUEMENT DANS UN EMPLACEMENT A L'ABRI DES INTEMPERIES

CONCERNANT LE STOCKAGE D'ESSENCE OU DE MATÉRIEL EN PRÉSENCE DE CARBURANT DANS LE RÉSERVOIR : Stocker à distance des appareils de chauffage, poêles, chauffe-eau ou autres appareils électriques équipés d'une veilleuse ou de toute autre source d'allumage ou ne pas risquer d'enflammer les vapeurs d'essence.

⚠ WARNING

Read and follow operating instructions before running engine. Gasoline flammable. Check for spilled fuel or fuel leaks. Stop engine and allow to cool at least 2 minutes before refueling.



⚠ AVERTISSEMENT

Lire et suivre les instructions avant de faire fonctionner le moteur. L'essence est inflammable. Vérifier qu'il n'y a pas de renversement ni de fuite d'essence. Arrêter le moteur et le laisser refroidir pendant au moins 2 minutes avant de faire le plein.



Operation of this equipment may create sparks that can start fires around dry vegetation. A spark arrester may be required. The operator should contact local fire agencies for laws or regulations relating to fire prevention requirements.

Le fonctionnement de ce équipement peut générer de étincelles pouvant amorcer un incendie près de la végétation sèche. Un para-étincelles pourrait être requis. L'opérateur devrait communiquer avec les services d'incendie locaux pour connaître la réglementation concernant les normes de prévention contre les incendies.

⚠ WARNING/AVERTISSEMENT

Top revent 11aporal c kint ett fuel tank, liOI OT turnfue l wind to DO NOT turn the fuel release to the OFF position until engim has cooled for at least 15 miHtes. avant de le moteur ait refroidi durant au moins 15m inutes.



DANGER



Using a generator indoors CAN KILL YOU IN MINUTES. Generator exhaust contains carbon monoxide. This is a poison you cannot see or smell.

NEVER use inside a home or garage, EVEN IF doors and windows are open.



NEVER use it in the house or garage, even if the doors and windows are open.



DANGER



Using a generator indoors CAN KILL YOU IN MINUTES. The exhaust from the "EoE" generator gives off monoxide. This is a poison that you cannot see or smell.

ONLY use OUTSIDE and far away from windows, doors, and vents.

Use it ONLY OUTSIDE, away from the windows, doors and vents.

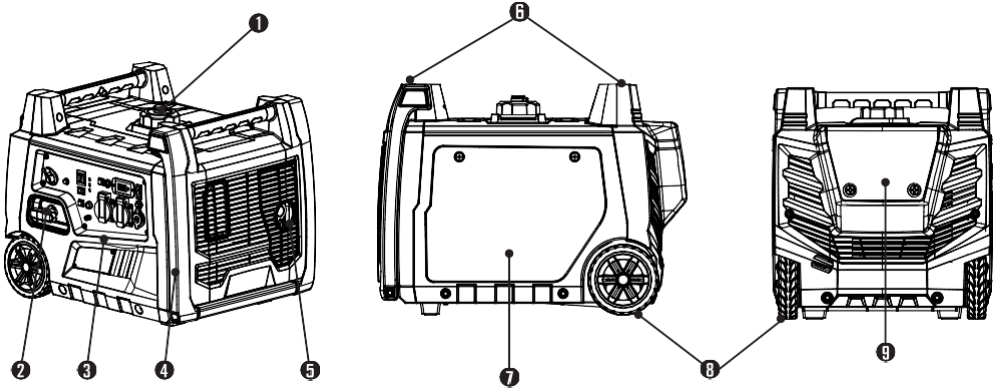


UNLEADED FUEL ONLY
Minimum octane rating of 85
GASOLINA REGULAR SOLAMENTE
85 octanos como mínimo
ESSENCE SANS PLOMB SEULEMENT
Indice d'octane minimal de 85

COMMANDES ET CARACTÉRISTIQUES

Lisez ce manuel avant de mettre la génératrice en marche. Familiarisez-vous avec l'emplacement et la fonction des différentes commandes et caractéristiques. Conservez ce manuel pour toute référence ultérieure.

Generator

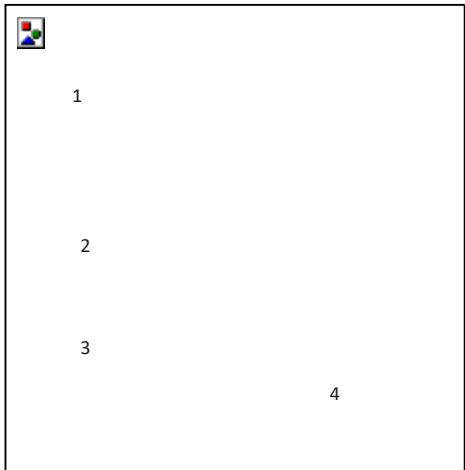


- (1) **Fuel cap** - Remove to add fuel.
- (2) **Manual start** - Used for start the engine.
- (3) **Power panel**
- (4) **Folding handle** - Do not use the folding handle to lift or lower the carry the unit.
- (5) **Muffler**
- (6) **Handle Maintenance cover**
- (7) **Wheels**
- (8) **Battery access cover**

Parts included

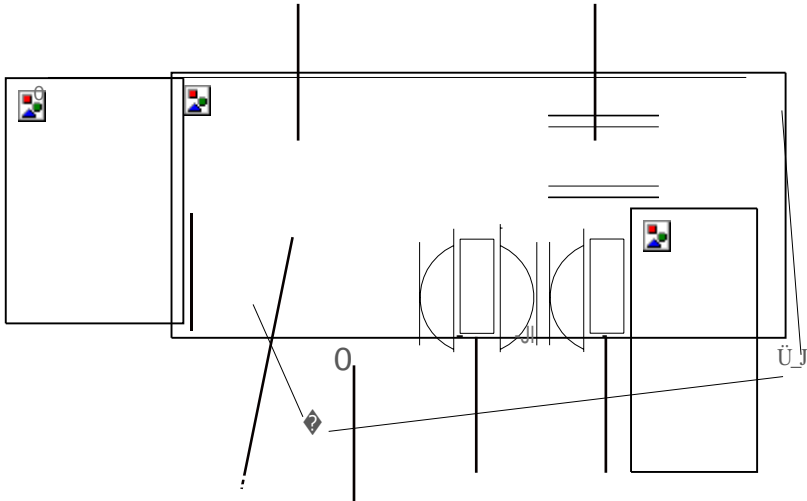
Your HG4000i-AR1 power generator comes with the following parts:

- 1. Battery charger in (2.1A and 1A ports) 12volts
- 2. Remote control 1
- 3. Oil funnel 1
- 4. Candle key 1



CONTROLS AND FEATURES

Electrical panel



- (1) Fuel
- (2) Starter
- (3) Control switch for economy mode
- (4) Grounding - consult an electrician for grounding regulations.
- (5) DC-12V output
- (6) Socket - 230 Volt AC 50 Hz, single phase .
- (7) Plug - 230 Volt AC 50 Hz, single phase.
- (8) 3-in-1 digital multimeter@n0



tap(9) Oil level indicator light

Check the oil level when this light comes on.
The engine will not operate if this light is on.

- (10) Output indicator light - this light comes on when the generator is overloaded and will shut down

ali ment ati on in the catches.

- (11) AC light - stays ON during regular operation.
Turns OFF when the generator is overloaded.

- (12) Motor switch

*Do not operate an appliance while it is plugged into the 12V DC outlet. Prolonged exposure to engine exhaust fumes can cause serious injury or death. During charging, do not place the unit on the exhaust side of the generator. Extreme heat can cause damage to the unit and a fire hazard.

CONTROLS AND FEATURES

Power panel load management condition

This generator is equipped with a fil-free remote control system for starting and stopping.

The system consists of (4) main components:

1. Control Receiver Module (CRM)
2. Remote control without fil
3. Battery switch
4. Ignition switch

The functions of the remote control are activated when: is switched off immediately. Then,

1. The ignition switch is in the "ON" position, AND
2. The battery switch is in the "ON" position. The remote control functions are activated under one of the conditions.

1- The ignition switch is defined in the position "WALK

2- The battery switch is defined in the position "WALK".

The remote control functions are disabled in any of the following conditions.

To start the generator with remote control, press the "Start" button on the remote control once. The engine will attempt to start (6) times. The MRC controls the automatic choke during each start attempt. To stop the generator with the remote control, press the "STOP" button on the remote control once.

Power consumption of the remote control

When the ignition switch is in the "When the MRC is switched on, it is active and waiting for a signal from the remote control. This function requires power from the battery.

If the ignition switch is left in the

If the battery is left "ON" for long periods of time (several weeks), the battery may be completely discharged.

Move the ignition switch to the

The "OFF" position disables the remote functions, but the MRC still draws about 2 mA from the battery.

To avoid draining the battery, press the battery switch to the "OFF" position.

This action cuts off the power to the RCM and there is no power consumption from the battery.

When the generator is first started with the remote control, no voltage is supplied to the power panel for about 15 seconds. This allows the engine to reach its maximum speed before electrical loads are applied to the generator.

When the generator is stopped with the remote control, the supply voltage to the panel

The engine will stop after about 5 seconds when the "STOP" button is pressed on the remote control.

Switching off the power supply to the panel before the engine stops protects the connected devices from failure caused by a non-voltage of 50 Hz while waiting for the generator to stop. **The start/stop voltage delay during start and stop occurs only when the remote control is used. There is no no voltage delay when the electric start push button or manual start is used.**

Power panel load management condition

When push button or manual start is used, the operator must ensure that all electrical loads (appliances) are switched off during start-up and shut-down. Damage to the generator or connected appliances could be caused by starting or stopping the generator while the appliances are connected and lit.

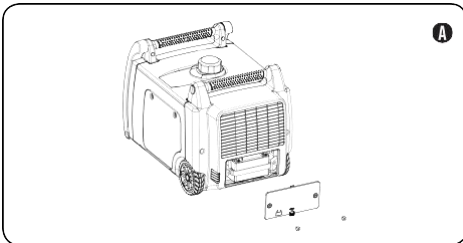
Your generator requires assembly. This unit is shipped from our factory without oil. It must be supplied with oil and fuel before operation.

Remove the generator from the carton

1. Place the packing carton on a solid, flat surface.
2. Remove everything in the box except the generator.
3. Using the carrying handles of the unit, carefully remove the generator from the box. (It is recommended that the unit be lifted by two people)

Connecting the battery

1. Using a screwdriver, remove the two service screw covers (2) and the battery service cover (A).
2. Once the screws have been removed, the rubber pull tab on the cover can be removed to help loosen and remove the service cover. (A)
3. Remove the battery service cover. (A)



4. Cut the lock that binds the battery cables together.
5. Using a screwdriver, unscrew the battery bolt in the red battery terminal, positive (+) side.
6. Connect the red, positive (+) terminal to the first of the positive (+) terminal of the battery using the bolt.
7. Pull the battery cable connection and the battery terminal.
8. Repeat steps 5-7 to connect the black, negative (-) terminal to the first of the negative (-) battery post

Battery connection condition



NOTE

If the battery cables are not visible after removing the cover, please note that they would be glued to the top of the battery and not visible to the naked eye.

OPERATION

Location of the generator

NEVER operate the generator in a dry environment. a building, including garages, basements, wet rooms, sheds, enclosures or compartments, including the generator compartment of a recreational vehicle. Please check with your local authorities. In some areas, generators must be registered with the local utility. Generators used on construction sites may be subject to additional rules and regulations. Generators should always be placed on a flat, level surface (even when not in use). Generators should be kept approximately 5 ft. (1.5 m) from combustible materials. In addition to the distance from combustible materials, the generators must also be at least 3 ft. (91.4 cm) between all sides to allow for proper cooling, maintenance and servicing. Generators should never be started or operated in the back of SUVs, campers, trailers, trucks (or otherwise), under stairs, next to

Do not place the generators in walls or buildings, or in any other location that does not allow for adequate cooling. DO NOT block the generators during operation. Allow generators to cool down properly before transporting or storing. Place the generator in a well ventilated area.

DO NOT place the generator near air vents or intakes as exhaust fumes may enter occupied or confined spaces. Carefully consider the wind and air currents before positioning the generator

Failure to follow proper safety precautions may void the manufacturer's warranty.



WARNING

Also, avoid using the generator with wet hands as this may cause an electric shock.

Do not use the generator in any confined, wet areas or near a swimming pool or sprinkler system.



WARNING

During operation, the muffler and smoke exhaust produce heat. If adequate cooling and breathing space is not provided, or if the generator is blocked or contained, temperatures could become extremely hot and cause a fire.

Grounding

The generator grounding system connects the frame to the grounding terminals of the power panel.

- The generator (stator winding) is insulated from the frame and the earth pin of the AC socket.

- Electrical appliances that require an earthed plug connection will not function if the earth pin is not operational, unless the neutral is connected to the frame.

Starting with the remote control

Starting with the remote control is only possible within **80 feet** of the generator. (The fil-f-r-e-e signal cannot pass through some solid objects.) Do not attempt to adjust the carburetor choke. The electrical system and the remote control automatically close and open the choke.

1. Check that the generator is on a flat surface.
2. Turn off all electrical loads connected to the generator. Never start or stop the generator if electrical appliances are connected and switched on.
3. Turn the fuel valve to the "WALK".
4. Set the battery switch to "ON" .
5. Set the ignition switch to "ON" .
6. **STARTING WITH THE REMOTE CONTROL:** Press the "Start" button on the remote control briefly. Do not hold the button down, press it only once. The engine will attempt to start six times.
7. A safety device is provided to delay the availability of electrical power during the start mode. The delay lasts approximately 15 seconds. The delay is provided to prevent damage to the generator if the electrical loads are inadvertently activated during engine start.
8. If the generator does not start, check the battery condition and cable connections.



NOTE

The 12V 7AH battery supplied should be charged when the engine is running. However, it is recommended to fully charge the battery at least once a month.



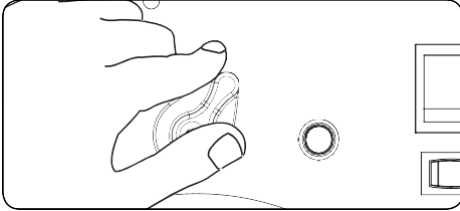
NOTE

When the battery switch is in the "ON" position, the switch will flash if the battery is charging. If the switch does not flash in the "ON" position, Ensure that the battery connection is good.

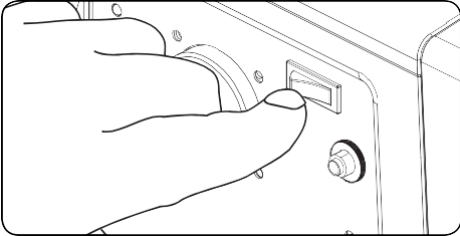
OPERATION

Launcher and electric start

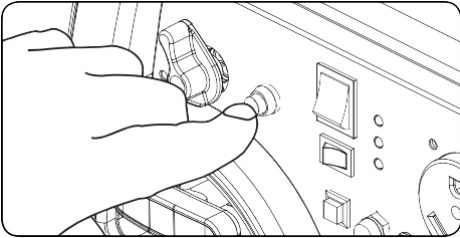
1. Ensure that the generator is on a flat and level surface.
2. Disconnect all electrical loads from the generator. Never start or stop the generator with electrical appliances connected or switched on.
3. Turn the fuel valve to the "On" position.



4. Turn the battery switch to the "WALK" position.



5. Push the choke button to the "STARTER" position.



6. Set the motor switch to the position "WALK".



7. ELECTRIC START: Press and hold the ignition switch in the "START" position. Release when the unit begins to start. If the engine does not start after five seconds,

Launcher and electric start condition

- release the switch and wait at least two seconds before attempting to start again.
8. PULLER START: Pull the puller slightly until you feel resistance and pull quickly
9. When the engine is running, push the choke button to the "On" position.

NOTE

Hold the choke button in position only for 1 manual start. Then push the choke button to the position The spark plug is "on" for the next 3 attempts. Several starts will flood the spark plug/engine due to lack of air. This situation will prevent the engine from starting.

NOTE

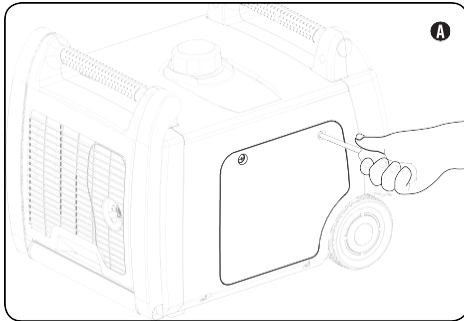
If the engine starts but then stops, make sure the generator is placed on a flat and level surface. The engine is equipped with an oil sensor that prevents it from running when the oil level is below the critical level.

OPERATION

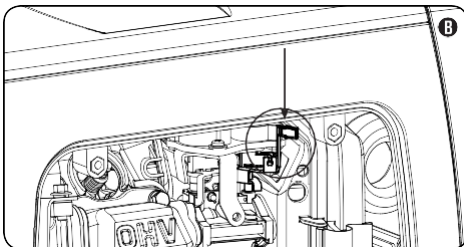
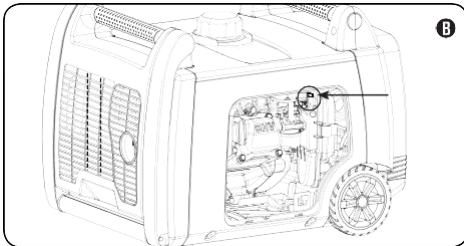
Manual start

If the battery is empty or is not able to produce enough power use the starter to manually start the motor. To manually start the motor and start the inverter, please follow the steps below:

1. Loosen the screws and remove the protective cover. (A)



2. Locate the yellow manual choke lever (B)
3. Turn the choke lever to position B "GET STARTED"



4. Turn the fuel valve to the "WALK".
5. Turn the motor switch to the "WALK"
6. Pull the launcher handle until you feel resistance and pull hard
7. When the engine starts to run, push the choke lever to the "On" (left) position.

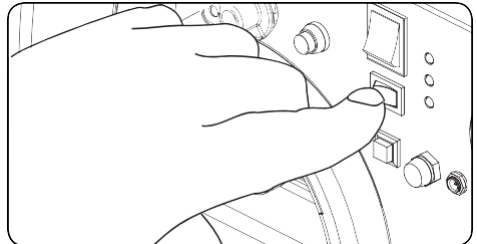
Manual start condition

NOTE

Hold the choke lever in the position
Move the choke lever to the "STARTER" (right) position only for 1 manual start. Then push the choke lever to the "on" (left) position for the next 3 attempts.
Many starts will flood the spark plug/engine due to lack of air. This situation will prevent the engine from starting.

Power control switch

The energy control switch could be activated to reduce fuel consumption and noise during operation of the unit with a **reduced electrical supply**, allowing the engine to idle during periods of non-use. The engine speed returns to normal when an electrical load is applied. connected. When the economy mode is deactivated, the motor runs continuously at normal speed.



WARNING

OPERATION

Connection of electrical loads

Allow the engine to stabilise and warm up for a few minutes after starting.

Connect and switch on the single-phase

230 Volt AC desired, 50 Hz electrical loads.

DO NOT connect 3-phase loads to the generator.

DO NOT connect 60 Hz loads to the generator.

DO NOT overload the generator.

NOTE

Connecting a generator to the power lines of your electrical installation or to another power source could be against the law. In addition to this action, if the connection is not properly effected, it could damage your generator and appliances or even cause serious injury or death to you or someone working on the power lines nearby. If you plan to operate the portable electric generator during a power failure, please inform your

Do not connect the generator to an electrical outlet in your home. Do not plug the generator into an electrical outlet in your home. This

could create a connection with the utility's power lines. It is your responsibility to ensure that the electricity from your generator is not

If the generator is to be connected to a household electrical system, consult your local power company or a qualified electrician. Connections must isolate the generator power from the mains supply and must comply with all applicable laws and regulations.

Output 12 Volts DC

The 12 volt DC output could be used with the supplied cable charger and USB charger as well as other styles of DC 12V plugs available. Any unregulated DC output could damage some products. Verify that the input voltage range of the accessory is at least 12-24V DC. When using the DC plug, set the economy mode to the "OFF" position.

WARNING

Do not operate an appliance while it is plugged into the 12V DC socket.

Prolonged exposure to engine exhaust could result in injury or death

WARNING

Prolonged exposure to engine exhaust could cause serious injury or death.

12V DC output - battery charging

1. Before connecting the charging cable to a battery installed in a vehicle, disconnect the ground cable of the vehicle battery from the negative (-) battery terminal.
2. Connect the charging cable to the 12V DC receptacle of the generator.
3. Connect the red fil (+) of the battery charger to the red (+) of the battery terminal.
4. Connect the black fil (-) from the charger to the battery (-) to the black terminal (-) of the battery
- 5- Start the generator.

Important: The 12V DC output should only be used with the supplied 12V DC battery charging cable. The 12V DC output is unregulated and could damage other 12V DC products. When using the 12V DC output, set the economy mode selector switch to the "OFF" position.

ATTENTION

Do not start the vehicle when the battery charging cable is connected and the generator is running. The battery will not be powered.

The vehicle or the generator may be damaged. Only charge lead acid batteries. Other types of batteries may burst and cause injury or damage.

NOTE

Ensure that all electrical equipment, including lines and connectors, are in good condition before connecting to the generator.

Engine shutdown

1. Switch off and unplug all electrical loads. Never start or stop the generator if electrical appliances are connected or switched on.
2. Allow the generator to run without load for several minutes to stabilise the internal temperatures of the engine and generator.
3. Turn the fuel valve to the "OFF" position.
4. Leave the engine running until the lack of fuel stops the engine. This usually takes a few minutes.
5. Turn the motor switch to the "STOP".
6. Set the battery switch to the "OFF" position if necessary.

Important: Always ensure that the fuel valve and the engine and battery switch are set to position when the engine is not in use.

OPERATION

Engine shutdown condition



NOTE

If the engine will not be used for more than two weeks or more, please refer to the storage section for information on proper storage and fuel.



NOTE

Always set the battery switch to the "OFF" position when the device is not in use, this will prevent the battery from discharging. Please follow the storage and maintenance instructions for the generator and battery when the unit will not be used for 2 weeks or more.

DO NOT OVERLOAD THE GENERATOR

Capacity

Please follow the simple steps below to calculate the running and starting watts required for the different needs:

- 1- Select the electrical appliances you wish to use at the same time.
- 2- Calculate the total wattage of these items. This is the amount of power needed to keep your appliances running.
- 3- Identifier the highest amount of start-up watts for all devices identified in step 1. Add this number to the number calculated in step 2. The surge power is the additional burst of power required to start certain electrical appliances. Following the steps outlined in "Power Management" will ensure that only one appliance is started at a time.

Power management

Use the following formula to convert voltage and amperage to watts:

$$\text{Volts x Amps} = \text{Watts}$$

To extend the life of your generator and the appliances connected to it, follow these steps to add electrical loads:

1. Start the generator without any electrical load.
2. Allow the engine to run for several minutes to stabilise.
3. Plug in and add the first item. It is best to connect the appliance with the heaviest load first.
4. Allow the engine to stabilise.
5. Connect and add the next item.
6. Allow the engine to stabilise.
7. Repeat steps 5-6 for each additional item



NOTE

Never exceed the specified capacity when adding loads to the generator.

Overload operation

The overload indicator lights up when the rated load is exceeded. When the rated load is exceeded, the LED flashes and cuts off power to the receptacles. To get power back, stop the engine, wait for the light to go out and start the generator again.

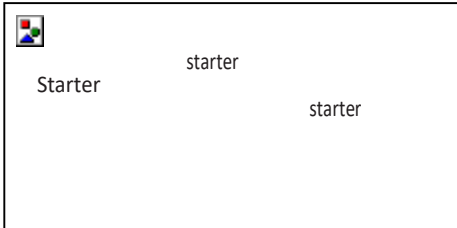


WARNING

Failure to operate the generator in accordance with these instructions may result in damage to the appliance. To operate the appliance at low elevations, the standard main nozzle must be used. Operate the engine with a
Improper configuration at high altitude could increase its emissions and reduce fuel efficiency and performance.

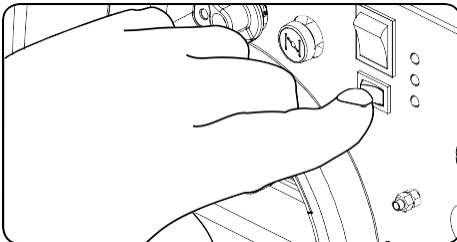
Démarrage du moteur (suite)

6. Tirez lentement sur la corde du démarreur jusqu'à sentir une résistance, puis tirez-la rapidement.
7. Lorsque le moteur réchauffe, poussez le levier de starter à la position « Marche ».



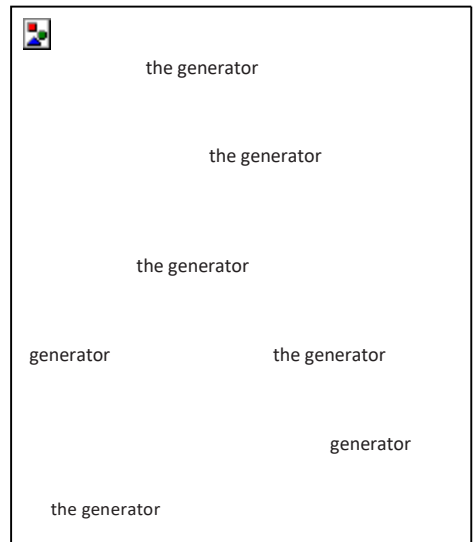
Commutateur de commande en mode économique

Le commutateur de commande en mode économique peut être activé pour minimiser la consommation de carburant et diminuer le bruit de l'unité en cas de restriction de courant électrique, permettant à la vitesse du moteur de tourner au ralenti lorsqu'il n'est pas utilisé. La vitesse du moteur redevient normale lorsqu'une charge électrique est branchée. Lorsque ce commutateur est en mode ARRÊT, le moteur tourne à grande vitesse.



Branchement des charges électriques

1. Laissez le moteur se stabiliser et chauffer pendant quelques minutes après avoir démarré.
2. Branchez et allumez les prises électriques 230 volts CA monophasées de 50 Hz désirées.
 - NE branchez PAS de charges triphasées sur th the generator.
 - NE branchez PAS de charges de 60 Hz sur e generator.
 - NE surchargez PAS th the generator.



MISE EN GARDE

th

Ne faites pas fonctionner un appareil lorsqu'il est branché dans la prise 12 V CC.

Une exposition prolongée aux gaz d'échappement du moteur peut causer des blessures graves ou la mort.

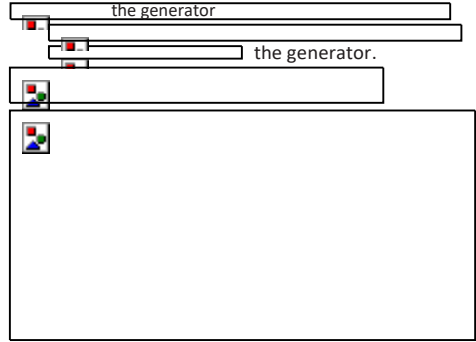
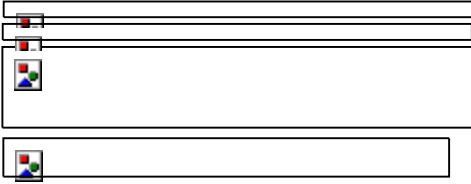
 **MISE EN GARDE**

En période de charge électrique élevée ou de fluctuation momentanée, le commutateur de contrôle d'économie devrait être placé en position ARRÊT.



FUNCTIONNEMENT

Prise 12 V CC

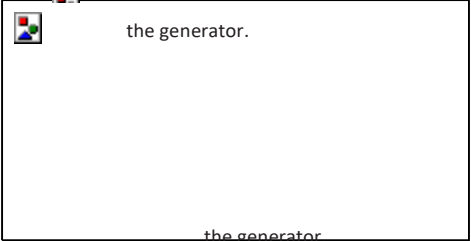
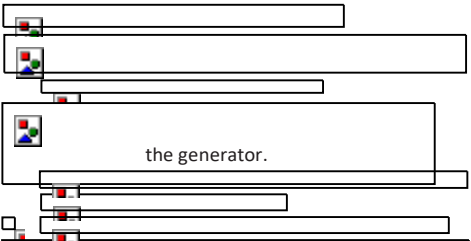


ATTENTION

Ne pas démarrer le véhicule lorsque le câble de charge de la batterie est connecté et que la génératrice est en marche. Cela ne donnera pas à la batterie un surplus de puissance. Le véhicule ou la génératrice peut être endommagé. Chargez uniquement des batteries au plomb ventilées. Les autres types de batteries peuvent exploser et causer des blessures ou des dommages.

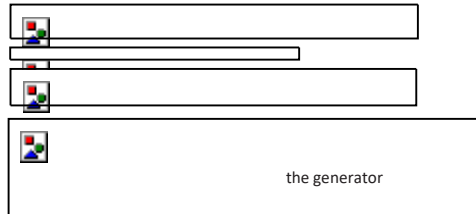
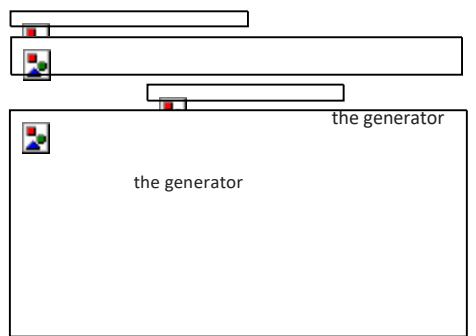
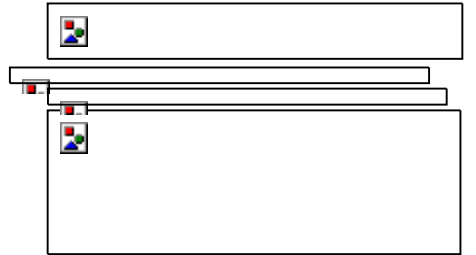
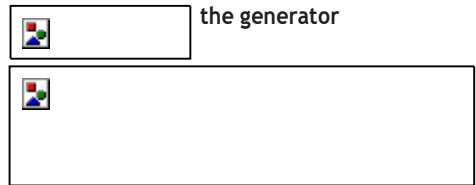
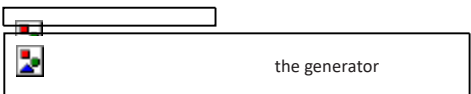
REMARQUE

Assurez-vous que tous les appareils électriques, y compris les lignes et les connecteurs sont en bon état avant la connexion à la génératrice.



REMARQUE

Si le moteur ne sera pas utilisé durant une période de deux (2) semaines ou plus, consultez la section Entreposage pour le rangement adéquat du moteur et du carburant.



Overload operation

The overload indicator will light up when the rated load is exceeded. When the maximum load is reached, the light will flash and the alternator will be cut off after a brief period. To re-feed, stop the engine, wait for the overload light to go out and restart the generator.

The owner or user is responsible for carrying out any periodic maintenance.

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QREMARK

The maintenance, replacement or repair of the anti-pollution devices and systems can be carried out by an off-road engine repairer or company.

Perform all procedures punctually to make the d'entretien planifié. Corrigez tout problème avant de generator work.

QREMARK

For assistance with service or spare parts,

Engine maintenance

Pour éviter tout démarrage accidentel, retirez le fil de contact the spark plug before servicing.

Oil

Change the oil when the engine is warm. Re-feather vous aux caractéristiques de l'huile afin de sélectionner the type of oil you need for your working conditions.

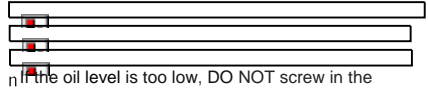
1. Place the generator on a work bench or table.
2. Loosen the cover screw and remove the cover for maintenance.
3. Remove the rubber maintenance plug from under the drain plug.
4. Remove the 12 mm drain bolt.

Oil (continued)

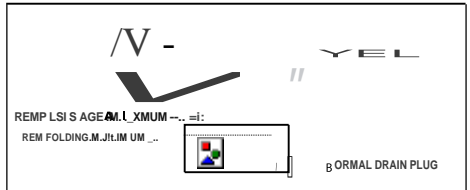
5. Allow the oil to drain completely.
6. Add 0.6 L (0.6 quart) of oil and replace the oil tank cap/dipstick. DO NOT FILL.

QREMARK

Once the oil has been added, make a

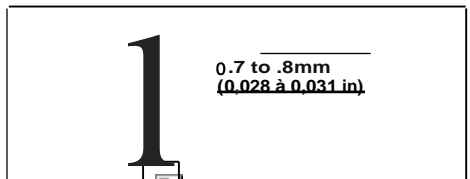


7. Install the service cover again and tighten the cover screw.
8. Dispose of the used oil at a waste management centre approved waste.



Bugge of ignition

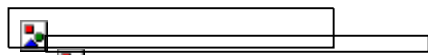
1. Remove the cover for maintenance.
2. Retirez le fil de la bougie.
3. Use the spark plug tool supplied with the generator to remove the spark plug.
4. Remove the spark plug. 5. et to produce the spark needed to the ignition.
6. 0.7 to 0.8 mm (0.028 to 0.031 in).
7. Carefully screw the plug into the motor.




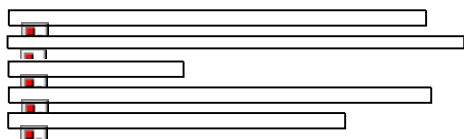
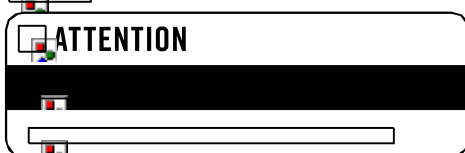
8. 9. 10. Install the cover again for spark plug maintenance.

ENTRETIEN ET ENTREPOSAGE

Filtre à air

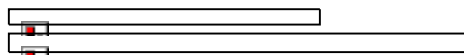


3. Déboîter la charnière de verrouillage sur le couvercle.
4. Retirez le vieux filtre.
5. Placez le nouveau filtre dans l'assemblage.
6. Réenclenchez la charnière sur le couvercle du filtre à .
7. Installez de nouveau le couvercle pour l'entretien et serrez la vis du couvercle.

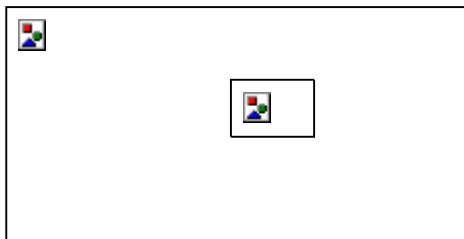


Pare-étincelles

1. Laissez le moteur refroidir complètement avant toute procédure d'entretien du pare-étincelles.
2. Retirez les (2) vis de fixation de la plaque de finition qui maintient l'extrémité du pare-étincelles sur le silencieux.



3. Nettoyez la grille du pare-étincelles avec une brosse métallique.
5. Remplacez le pare-étincelles s'il a été endommagé.
6. Repositionnez le pare-étincelles dans le silencieux et fixez-le avec les trois vis.



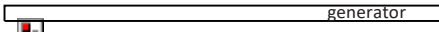
Pare-étincelles (suite)

! ATTENTION

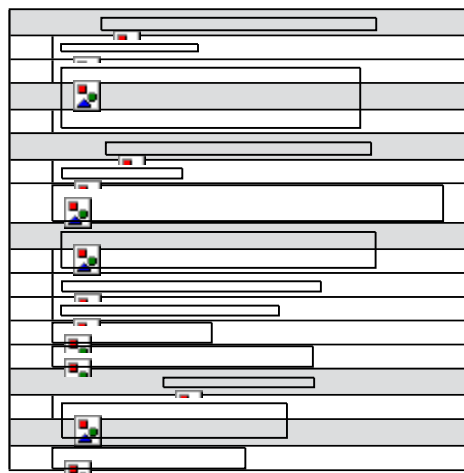
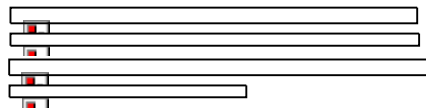
L'omission de nettoyer le pare-étincelles réduira la performance du moteur.

Réglages

Le mélange air-carburant n'est pas réglable. L'altération


 generator que vos appareils électriques et annulera la garantie.

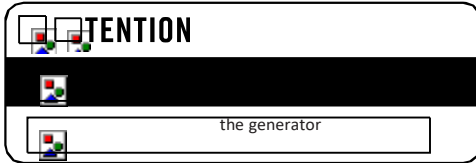
Calendrier d'entretien




*Affectuate by experienced or well-informed owners or trained repairers.

Entretien de the generator

 **the generator**
correctement. Ne faites fonctionner l'unité que sur une surface plane et nivelée, dans un milieu propre et sec. N'exposez PAS l'unité à des conditions extrêmes ainsi qu'à un taux de poussière, saleté, humidité ou vapeurs corrosives excessif.



 **the generator**

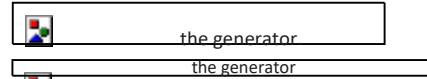
Retirez la saleté et l'huile avec une brosse à poils souples. Utilisez un compresseur d'air (1724 hPA/25 psi) pour retirer la poussière et les débris de **the generator**. Vérifiez tous les événements d'aération et les bouches de refroidissement pour s'assurer qu'ils sont propres et sans obstruction.

Entreposage

The generator doit être démarrée au moins une fois tous les 14 jours et doit fonctionner pendant au moins 20 minutes. Pour l'entreposage à long terme, veuillez suivre ces instructions.

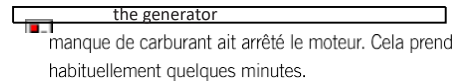
Entreposage de la génératrice

1. Ajoutez l'additif stabilisateur formulé correctement au réservoir.

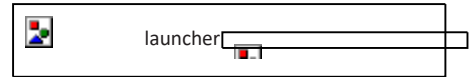


minutes pour que le carburant traité circule dans les conduites d'essence et le carburateur.

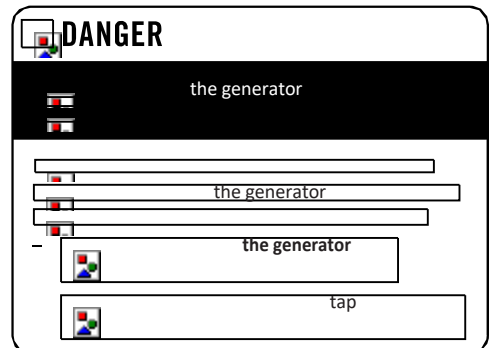
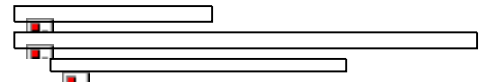
4. Tournez la soupape de carburant en position « ARRÊT ».



nettoyage ou entreposage.



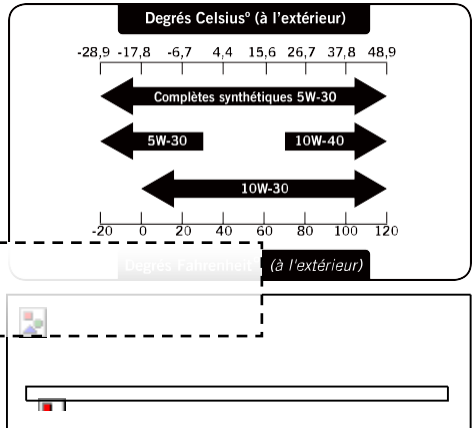
8. Changez l'huile moteur.
9. Retirez la bougie et versez environ une cuiller à soupe d'huile dans le cylindre. Faites tourner le moteur lentement pour répartir l'huile et lubrifier le cylindre.



CARACTÉRISTIQUES TECHNIQUES

Caractéristiques du moteur

- Type moteur quatre temps à soupape en tête
- Type de démarrage . . electric starter and launcher
- Puissance nominale 4,2kW / 3800/min
- Puissance Max. 4,4kW
- Cylindrée 192 cm³
- Capacité en carburant 6 L
- Guaranteed sound power level: 96 dB (A)
- Sound power level measured at 4 m:
 - LpA = 75.80 dB (A)
 - LwA = 95.82 dB
 - (A) K = 0.424 dB
- Niveau de bruit (Mesuré à 7 m) 58dB(A)



Caractéristiques de the generator

- Fréquence 50 Hz
- Puissance maximale 3.1kW
- Courant nominal AC 3.3 / 13.5A
- Puissance de sortie DC 12V/6.5A
- Poids net 43 kg
- Hauteur 46,4 cm
- Largeur 44 cm
- Longueur 63,7cm

Carburant

La capacité en carburant est de 6 L (1,6 gal.).
 Utilisez du carburant ordinaire sans plomb avec un taux d'octane minimum de 85 et une teneur en éthanol de moins de 10 % en volume.

Huile

Utilisez de l'huile 10W-30 pour moteur.
 La capacité en huile est de 0,6 L (0,6 pinte).
NE PAS REMPLIR
 Veuillez vous référer au tableau ci-dessous pour les types d'huile recommandés pour **the generator**.

Bougies d'allumage

Bougies d'allumage du fabricant : NHSP F6RTC
 Bougies d'allumage de remplacement : NGK BPR6ES ou équivalent
 Vérifiez que l'écartement de la bougie est de 0,7 à 0,8 mm (0,028 à 0,031 po).

Jeu de soupapes

Message important concernant la température

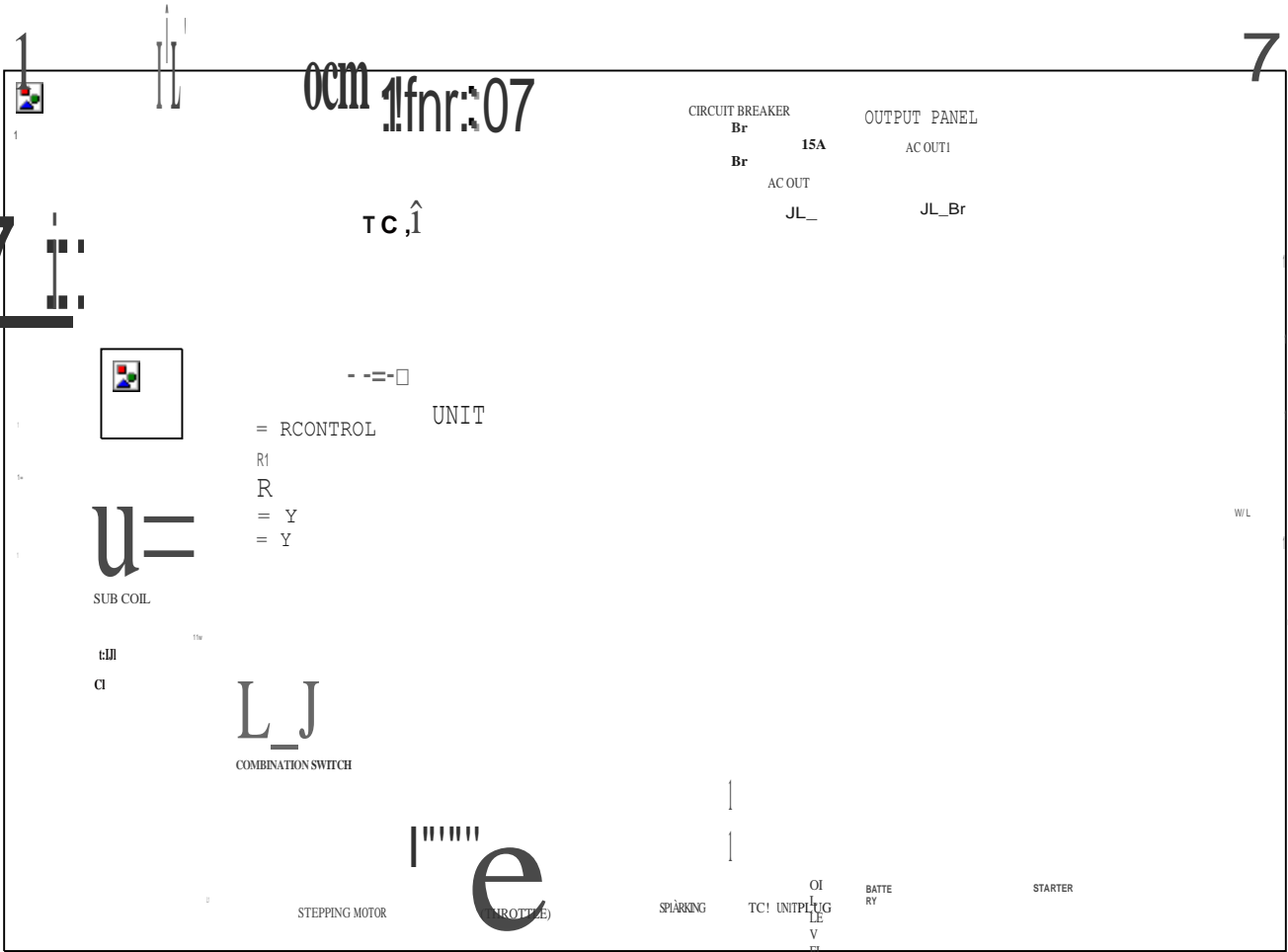
Your Hyundai product is tested and calibrated

5 °F) à 50 °C (122°F) durant de courts laps de temps.

Si le produit est exposée à des températures excédant ces limites durant l'entreposage, elle doit être ramenée à l'intérieur de ces écarts avant d'être utilisée. Dans tous les cas, la produit doit toujours être utilisée à



V) LU
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: Z:
: C
PU
V) LU
: C:ms
I V)
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ocm 1!fnr:07

CIRCUIT BREAKER
Br 15A
OUTPUT PANEL
AC OUT
JL_Br

TC, I

UNIT
RCONTROL

u=
u=
SUB COIL

L_J
COMBINATION SWITCH

STEPPING MOTOR
e (ROTARY)

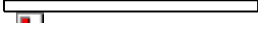
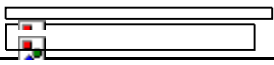
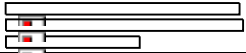
SPARKING
TC! UNPLUG
BATTE RY
STARTER

W L

STEP
P/TOR
(CH



DE DÉPANNAGE

Problème	Cause	Solution
The generator ne démarre pas	Pas de carburant	Ajouter de l'essence
	Bougie d'allumage défectueuse	Changer la bougie
	Unité chargée pendant le démarrage	Retirer la charge de l'appareil
The generator refuse de démarrer; the generator démarre, mais fonctionne mal	Niveau d'huile bas	Remplir le carter au niveau adéquat. Mettre the generator sur une surface plane et de niveau
	Starter en mauvaise position	Ajuster the starter
	Fil de la bougie non raccordé	Fixer le fil à la bougie
The generator s'éteint pendant le fonctionnement	Manque de carburant	Remplir le réservoir à carburant
	Niveau d'huile bas	Remplir le carter jusqu'au niveau adéquat. Placer the generator sur une surface plane et de niveau
The generator ne parvient pas à fournir 	The generator est en surcharge	Revoir et ajuster la charge. Voir « Gestion de la consommation »
	Aération insuffisante	
Il n'y a pas de sortie c.a.	Raccordement défectueux du câble	Vérifier tous les branchements
	Le dispositif connecté est défectueux	Remplacer le dispositif défectueux
	Le disjoncteur est déclenché	Réenclencher le disjoncteur
	Câblage lâche	Inspecter et serrer les montages électriques
	Autre	Utiliser la ligne d'assistance swap technique
Déclenchement répété du disjoncteur	Surcharge	Revoir et ajuster la charge. Voir « Gestion de la consommation »
	Cordons ou matériel défectueux	



Déclaration **BUILDER compliance**

32 rue aristide Bergès -Z1 31270 Cugnaux- France

Tel: +33 (0)5.34.502.502 Fax : +33 (0)5.34.502.503

Declares that the machine designated **Inv**

INVERTER GENERATOR SET

HG4000I-AR1

Serial number: **20200719815-20200719914**

Est conforme aux dispositions de la directive "machinery" 2006/42/EC

[Redacted]

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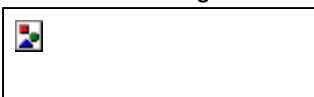
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following:



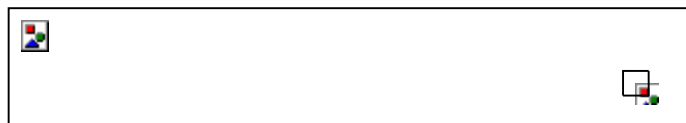
Name and address of the laboratory measuring the noise:



Done at Cugnaux, 13/05/2020

Philippe MARIE / CEO

GUARANTEE



GUARANTEE

The manufacturer guarantees the product against defects in materials and workmanship for a period of 2 years from the date of original purchase. The warranty applies if the product is for domestic use. The warranty does not extend to failures due to normal wear and tear and damage.

The manufacturer agrees to replace parts classified as defective by the designated distributor. The manufacturer does not accept responsibility for the replacement of the machine, or any part of it, and / or any consequential damage.

The warranty does not cover failures due to :

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

The guarantee 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 in a manner not described in the user's manual.

As part of our policy of continuous product improvement, we reserve the right to alter or modify specifications without notice. As a result, the product may differ from the information contained herein, but a change will be undertaken without notice if it is recognised as an improvement on the previous specification.

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. In order 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 their platform.

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



WHAT IF MY MACHINE BREAKS DOWN?

If you bought your product in a shop :

- a) Empty the fuel tank.
- b) Make sure that your machine is complete (accessories included) and clean! If this is not the case, the repairer will refuse the machine.

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

If you bought your product on a website:

- a) Empty the fuel tank
- b) Make sure that your machine is complete (accessories included) and clean! If this is not the case, the repairer will refuse the machine.
- c) Create a SWAP-Europe SAV file (ticket) on the website: <https://services.swap-europe.com>
When making the request on SWAP-Europe, you must attach the invoice and the photo of the nameplate.
- d) Contact the repair station to check availability before dropping off the machine.

Go to the repair station with the complete packaged machine, accompanied by the purchase invoice and the station pick-up form that can be downloaded once the after-sales service request has been made on the SWAP-Europe website

For machines with engine failures from BRIGGS & STRATTON, HONDA and RATO please refer to the manual.

Repairs will be made by the authorised engine manufacturers, see their website:

- <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 for returns or pack your machine with a similar box of the same dimensions.

If you have any questions about our after-sales service, you can make a request on our website [https:// services.swap-europe.com](https://services.swap-europe.com)

Our hotline is at your disposal on +33 (9) 70 75 30 30.



EXCLUSIONS OF COVER

THE GUARANTEE DOES NOT COVER :

- The start-up and settings of the product.
- Damage resulting from normal wear and tear of the product.
- Damage resulting from improper use of the product.
- Damage resulting from installation or start-up that is not in accordance with the user manual.
- Carburetion-related failures beyond 90 days and carburettor fouling.
- Periodic and standard maintenance acts.
- Acts of modification and dismantling which directly invalidate the warranty.
- Products whose original authentication markings (brand, serial number) have been defaced, altered or removed.
- Replacement of consumables.
- The use of non-original parts.
- Breakage of parts due to impact or splashing.
- Accessory failures.
- Defects and their consequences due to any external cause.
- Loss of components and loss due to insufficient screwing.
- Cutting elements and any damage due to loosening of parts.
- Overloading or overheating.
- Poor quality of the power supply: faulty voltage, voltage error, etc.
- Damage resulting from the deprivation of use of the product during the time necessary for repairs and more generally the costs of immobilising the product.
- The costs of a third party's counter-expertise following an estimate by a SWAP- Europe repair station
- The use of a product with a defect or breakage that has not been immediately reported to and/or repaired by SWAP-Europe.
- Damage due to transport and storage*.
- Launchers beyond 90 days.
- Oil, petrol, grease.
- Damage caused by the use of improper fuels or lubricants.

* In accordance with transport legislation, transport-related damage must be reported to the carrier within 48 hours of being noted by registered letter with acknowledgement of receipt.

This document is a supplement to your leaflet, not an exhaustive list.

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

Reminder: reservations do not exclude notification by registered mail within 72 hours.

Information :

Thermal appliances must be winterized each season (service available on the SWAP-Europe website). Batteries must be charged before being stored.

HYUNDAI

POWER PRODUCTS

For any request, please contact us:

BUILDER SAS

32. rue Aristide Bergès Z1 31270 Cugnaux. France

Tel+33 (0) 5 34 502.502 Fax - +33 (0) 5 34 502 503

<http://www.hyundai-power.fr>

Made in the People's Republic of China (PRC)

Imported by BUILDER SAS. France