INVERTER GENERATOR

INSTRUCTION MANUAL

PLEASE READ BEFORE USE

GP2000i

Equipmart Ltd
Kiam House
Birchill Road
Knowsley Ind. Park North
Merseyside
L33 7TD
United Kingdom

A REAL BEAST OF A MACHINE

T: +44 0151 548 5500
E: contact@equip2clean.co.uk

www.equip2clean.co.uk

TABLE OF CONTENTS

IMPORTANT SAFETY INFORMATION

For the generator to operate safely, efficiently, and reliably, it must be properly stored, used, and maintained.

Before operating or servicing the generator:

Familiarise yourself with and strictly follow all relevant local laws and regulations.
Carefully read and follow all safety warnings in this manual and on the generator.
While this manual provides essential safety information, it is impossible to anticipate every potential hazard. Therefore, if specific usage procedures, working methods, or operating techniques are not mentioned, always prioritise personal safety. Additionally, ensure that any operating practices do not cause damage to the generator.

Keep this Owner's Manual handy so you can refer to it at any time.
This Owner's Manual is considered a permanent part of the generator and should remain with the generator if it is resold.
The information and specifications included in this publication were accurate at the time of approval for printing.

To enhance safety, carefully read the three key safety warnings provided in this manual and on the generator's warning labels. These warnings are categorised as follows:

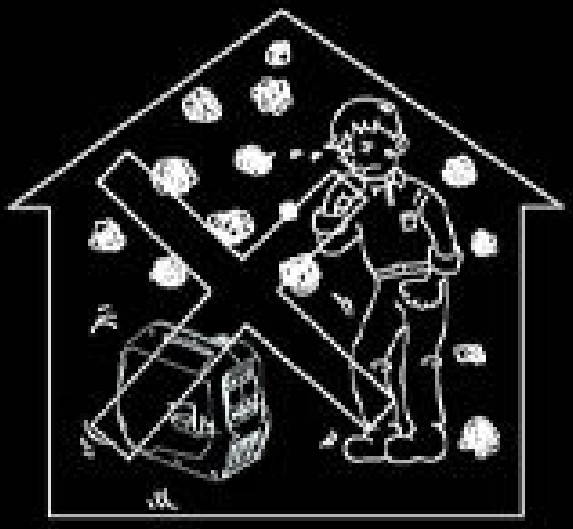
DANGER – Failure to follow instructions WILL result in death or serious injury.
WARNING – Failure to follow instructions CAN result in death or serious injury.
CAUTION – Failure to follow instructions CAN result in injury.
NOTICE – Failure to follow instructions COULD result in damage to the generator or property.

If a problem does arise, please don't hesitate to contact us or refer to Page 40 – Aftercare & Support for further assistance.

IMPORTANT SAFETY INFORMATION

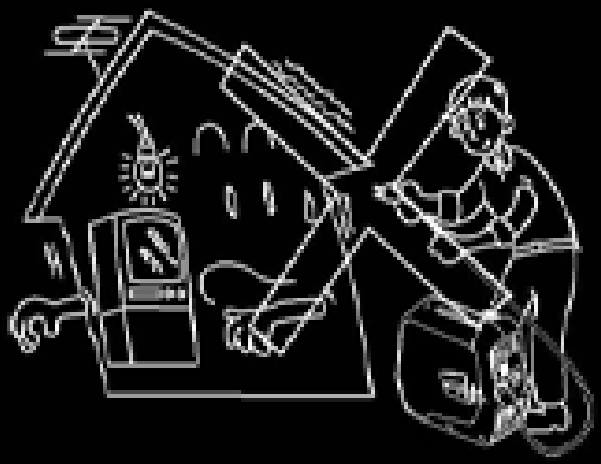
Read and understand this owner's manual before operating your generator. Familiarising yourself with the generator's safe operating procedures will help you prevent accidents.

DO NOT USE INDOORS

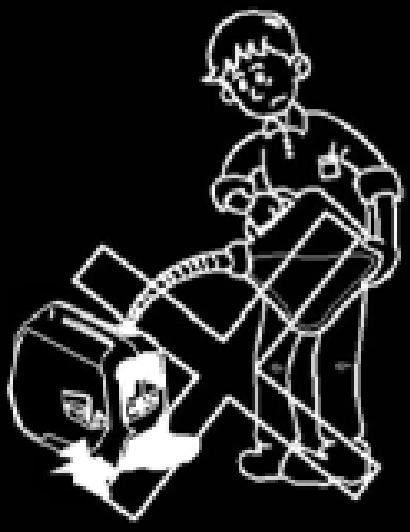


DO NOT USE IN WET CONDITIONS

NEVER CONNECT THE GENERATOR DIRECTLY TO YOUR HOME'S ELECTRICAL SYSTEM



AVOID SPILLING FUEL WHEN REFUELLING

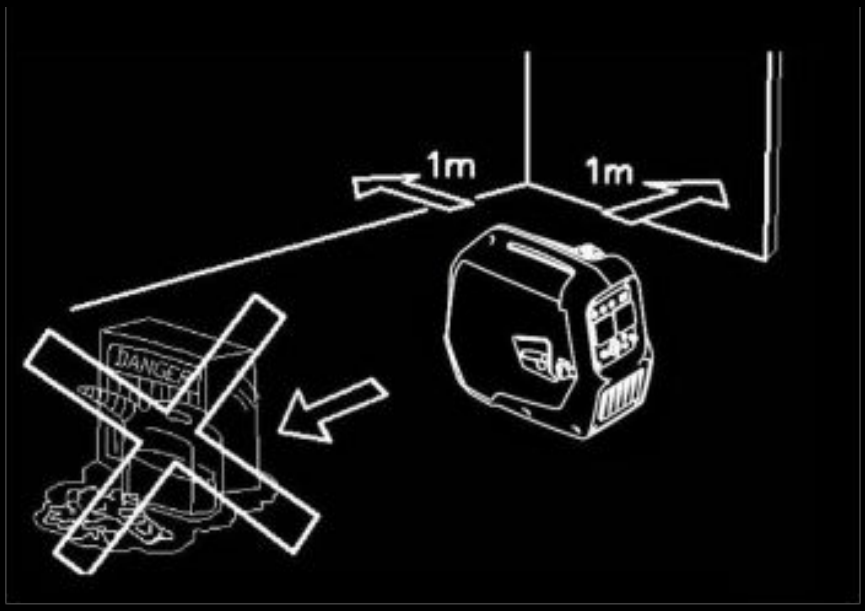


IMPORTANT SAFETY INFORMATION

NEVER SMOKE WHEN REFUELLING

STOP ENGINE WHEN REFUELLING

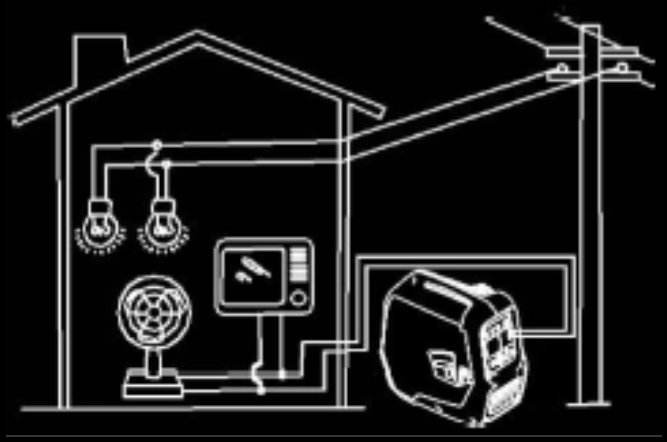
KEEP AT LEAST 1 METRE AWAY FROM FLAMMABLE MATERIALS

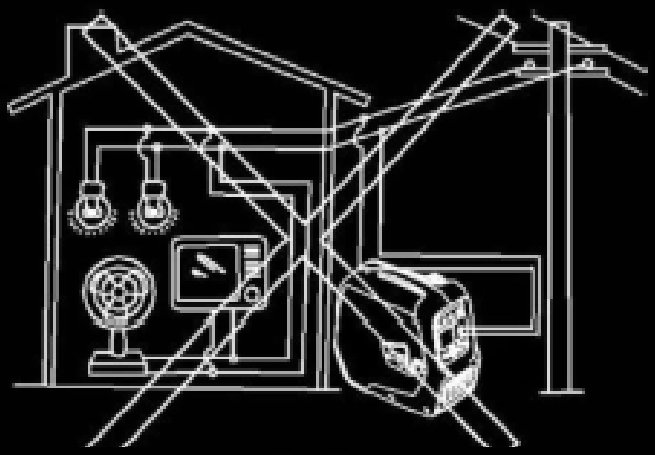


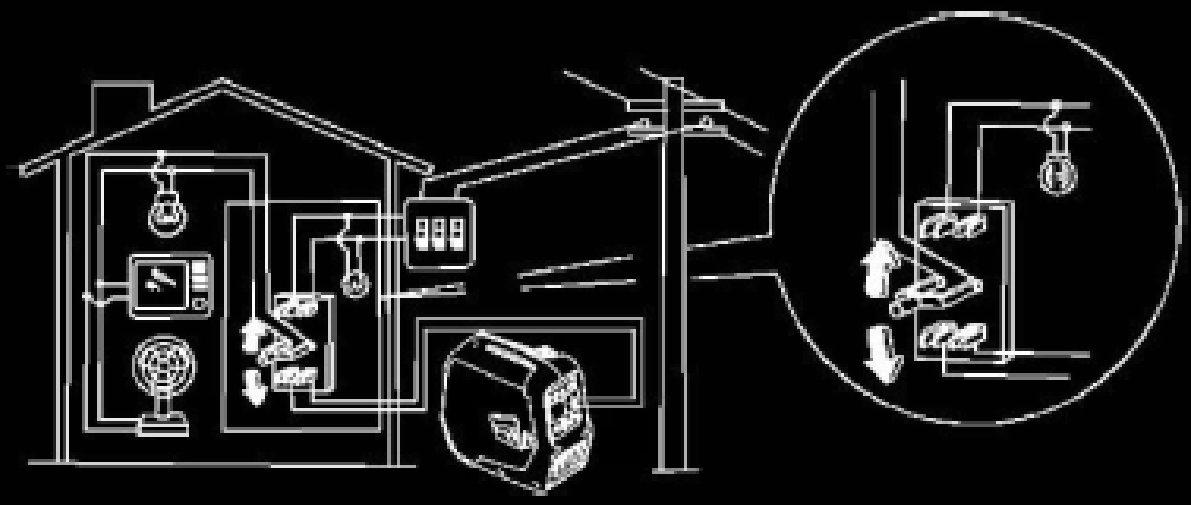
IMPORTANT SAFETY INFORMATION

Connect To Home Power

If the generator is being connected to a home power supply as a backup, a qualified electrician or someone with advanced electrical knowledge must carry out the installation. Before connecting any devices, ensure all electrical connections are secure and safe. Incorrect wiring may damage the generator or pose a fire risk.

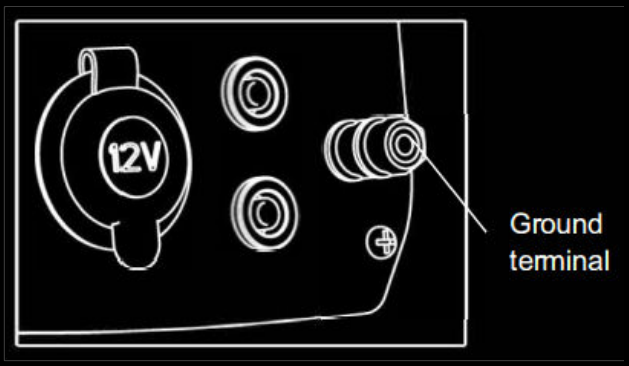






GROUND TERMINAL

To prevent electric shock caused by faulty appliances or improper use, the generator must be properly grounded using a high-quality insulated conductor.



IMPORTANT SAFETY INFORMATION

NOTICE:

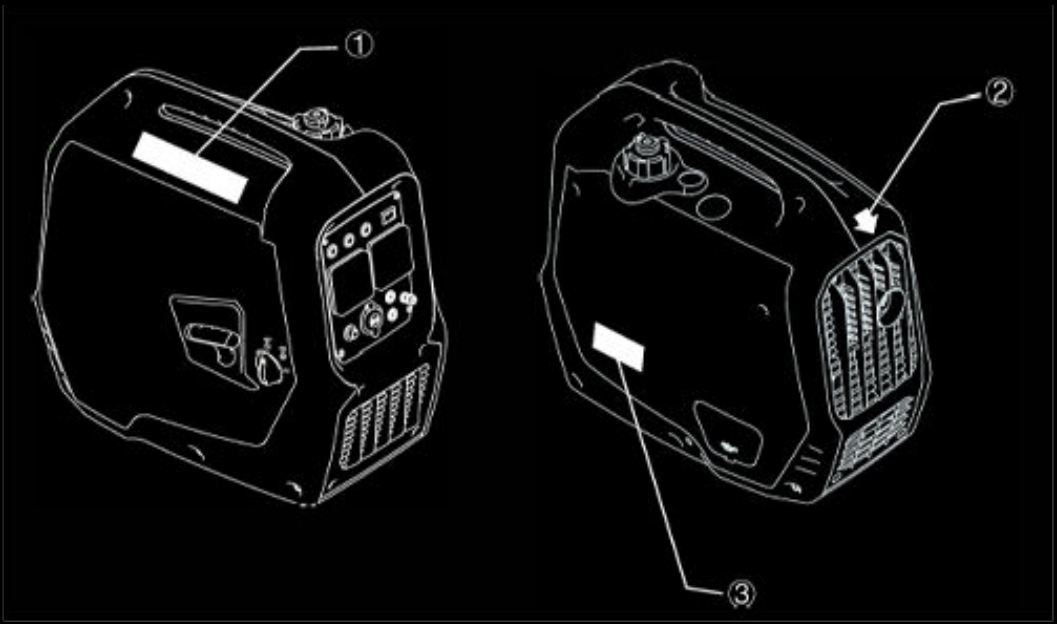
Ensure the control panel, louvres, and the bottom of the inverter remain well-ventilated and free from debris, mud, or water. A blocked cooling vent can cause damage to the generator, inverter, or alternator.

Do not place other items on or around the inverter when moving, storing, or operating the unit. This may result in damage to the inverter or pose a safety hazard if a leak occurs.

Warning Labels

Carefully read the following labels before using this machine.

Tip: Ensure safety instruction labels remain intact and replace them if needed.

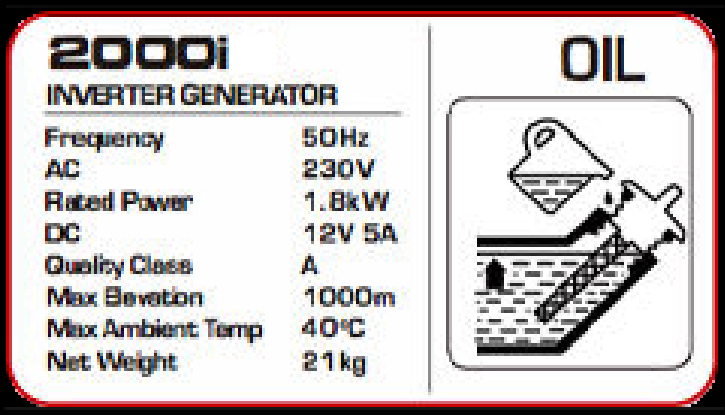


(1)

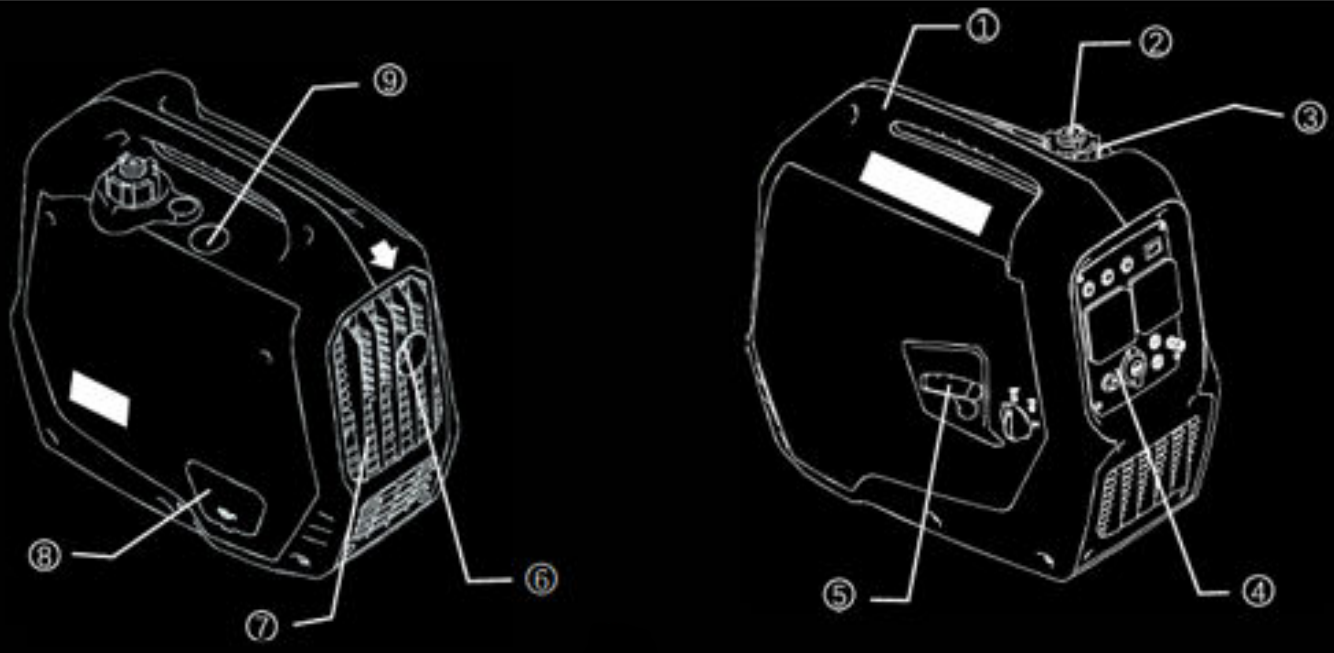
IMPORTANT SAFETY INFORMATION

(2)

(3)



SCHEMATICS

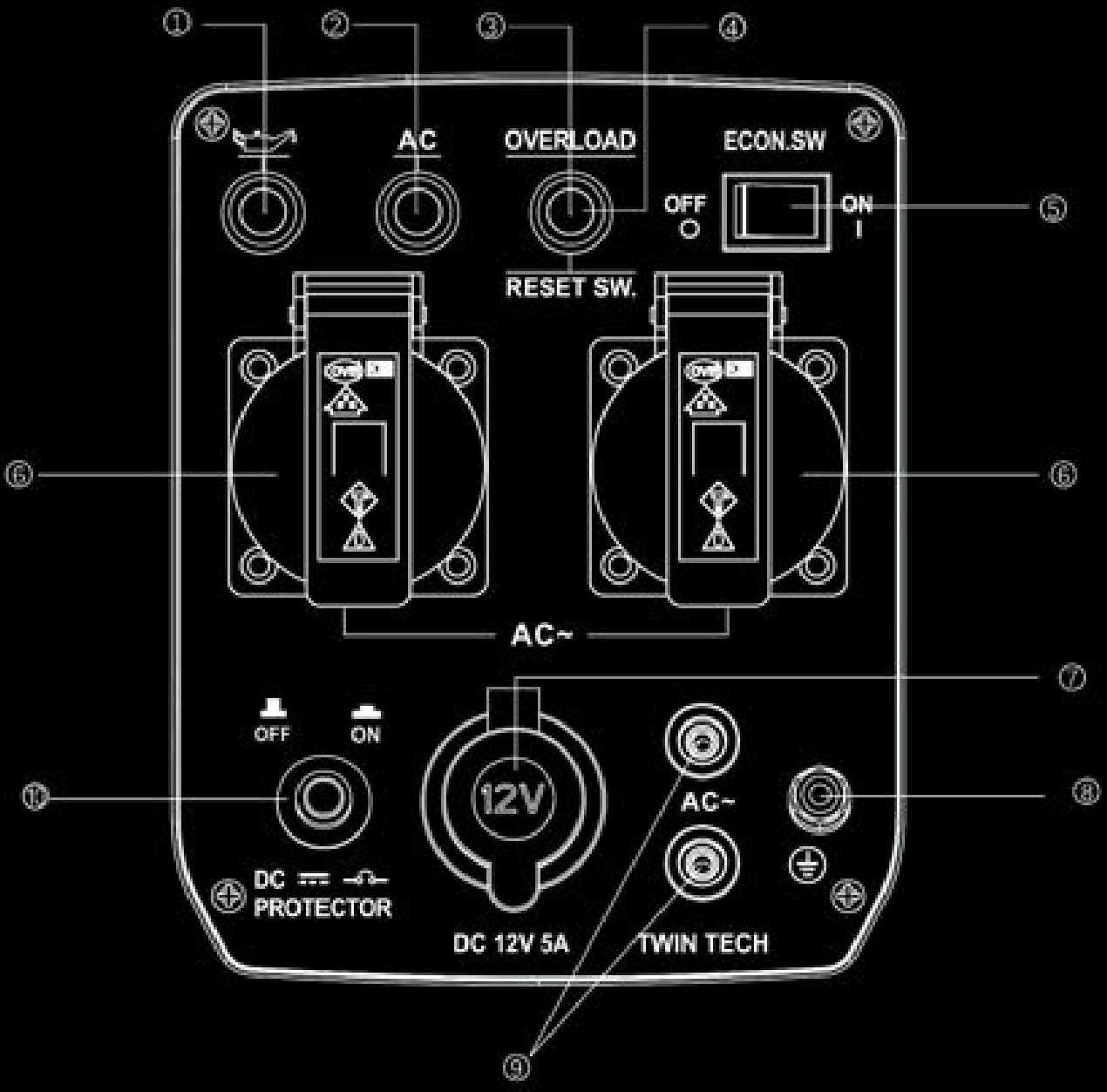


① Carrying handle
② Fuel tank cap air vent knob
③ Fuel tank cap
④ Control panel
⑤ Recoil starter
⑥ Muffler
⑦ Louver
⑧ Oil filler cap
⑨ Spark plug maintenance cover

CONTROL FUNCTIONS

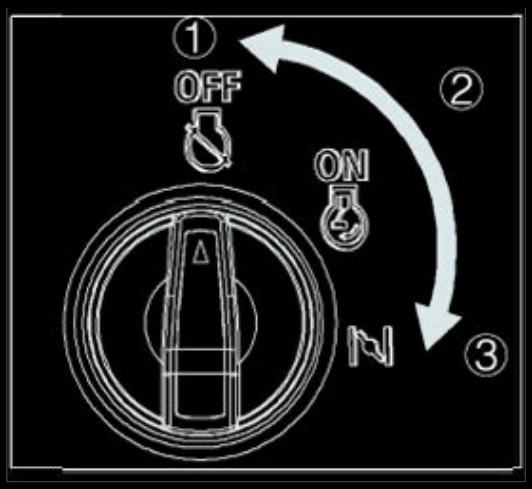
A . 120V 60Hz
① Oil warning light
② AC pilot light
③ Overload indicator light
④ RESET SW.
⑤ ECON(Engine Smart Control)
⑥ AC receptacle
⑦ DC receptacle
⑧ Ground (earth) terminal
⑨ Parallel receptacle
⑩ DC protector

B . 230V 50Hz
① Oil warning light
② AC pilot light
③ Overload indicator light
④ RESET SW.
⑤ ECON(Engine Smart Control)
⑥ AC receptacle
⑦ DC receptacle
⑧ Ground (earth) terminal
⑨ Parallel receptacle
⑩ DC protector



CONTROL FUNCTIONS

Three-in-One Switch:

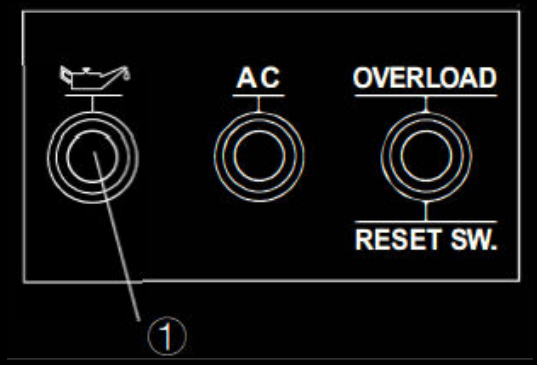


(OFF Position) – The ignition circuit and fuel supply are switched off. The engine will not start.

(ON Position with Choke Engaged) – The ignition circuit and fuel supply are switched on, and the choke is engaged. The engine is ready to run.

(ON Position with Choke Disengaged) – The ignition circuit and fuel supply are switched on, and the choke is disengaged. The engine can be started.

Oil Warning Light (Orange):



When the oil level drops below the minimum level, the oil warning light will illuminate, and the engine will shut down automatically. The engine will not restart until the oil is refilled.

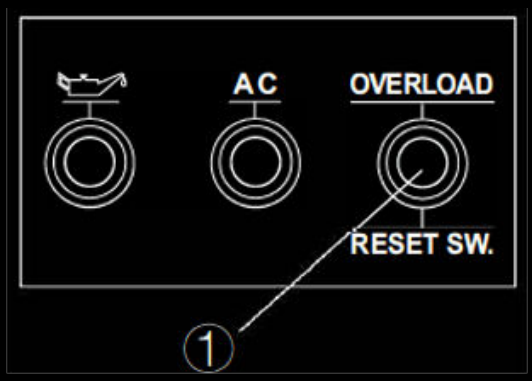
Tip:

If the engine stalls or fails to start, switch the engine to the "ON" position and then pull the recoil starter.

If the oil warning light flashes for a few seconds, it indicates that the engine oil level is low. Add oil and attempt to restart the engine.

Overload Indicator Light (Red):

The overload indicator light (red) activates when an overload is detected in a connected electrical device, when the inverter control unit overheats, or when the AC output voltage increases.



CONTROL FUNCTIONS

In this case, the AC protector will trip, halting power generation to safeguard the generator and any connected electrical devices. The AC pilot light (green) will turn off, while the overload indicator light (red) will remain illuminated; however, the engine will continue running.

If the overload indicator light activates and power generation ceases, follow these steps:

1. Turn off any connected electrical devices and stop the engine.

2. Reduce the total wattage of connected electrical devices to stay within the rated output.

3. Check for blockages in the cooling air inlet and around the control unit. Remove any blockages found.

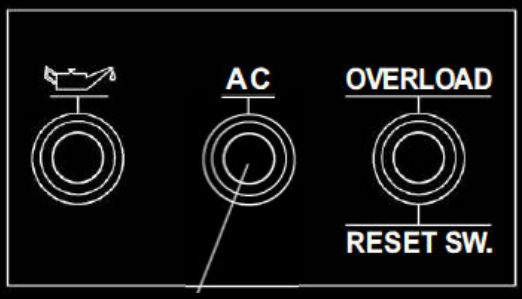
4. After performing these checks, restart the engine.

Tip:

The overload indicator light may briefly illuminate when using electric devices that require a high starting current, such as a compressor or a submersible pump. This is normal and does not indicate a malfunction.

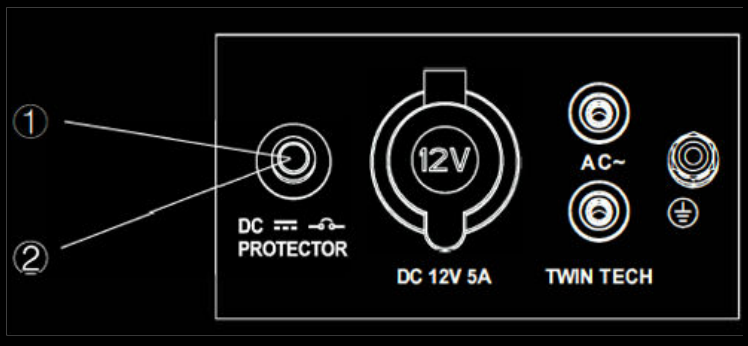
AC Pilot Light (Green):

The AC pilot light illuminates when the engine is started and power generation begins.



DC Protector:

The DC protector automatically switches to “OFF” when an electric device connected to the generator operates above its rated current. To reactivate this equipment, simply press the button to switch the DC protector back to “ON.”



CONTROL FUNCTIONS

1. "ON" the machine provides DC output.

2. "OFF" the machine doesn't provide DC output.

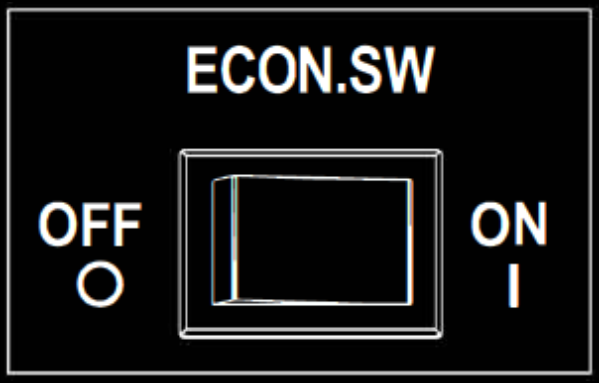
CAUTION: If the DC protector turns off, reduce the load of the connected electric device to below the specified rated output of the generator. If the DC protector switches off again, discontinue use of the device immediately and consult an authorized dealer.

Engine Smart Control Mode (ECON. MODE):

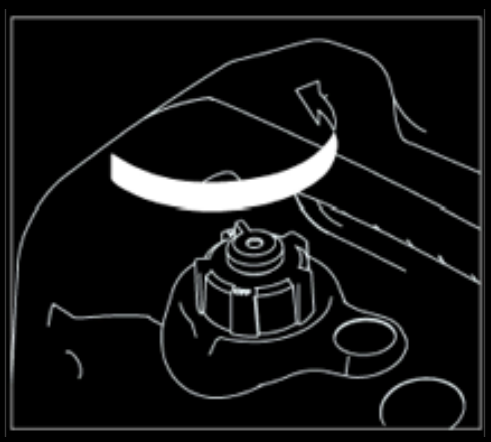
1. "ON"
When the ECON. switch is set to "ON," the economic control unit adjusts the engine speed based on the connected load, leading to improved fuel efficiency and reduced noise.

2 "OFF"
When the ECON. switch is switched to "OFF," the engine operates at its rated speed (4600 r/min), regardless of the load connected.

Tip:
Ensure the ECON. switch is turned to "OFF" when operating electric devices that need a significant starting current, like a compressor or submersible pump.

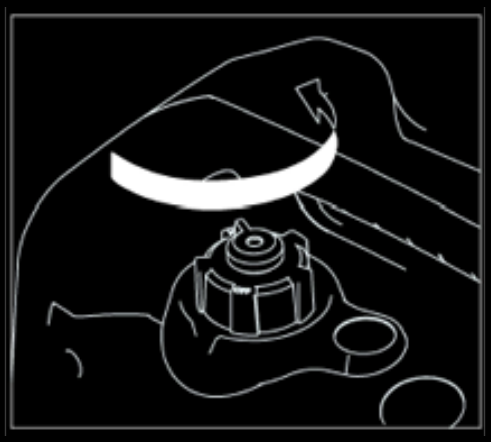


Fuel Tank Cap:
To remove the fuel tank cap, turn it anticlockwise.



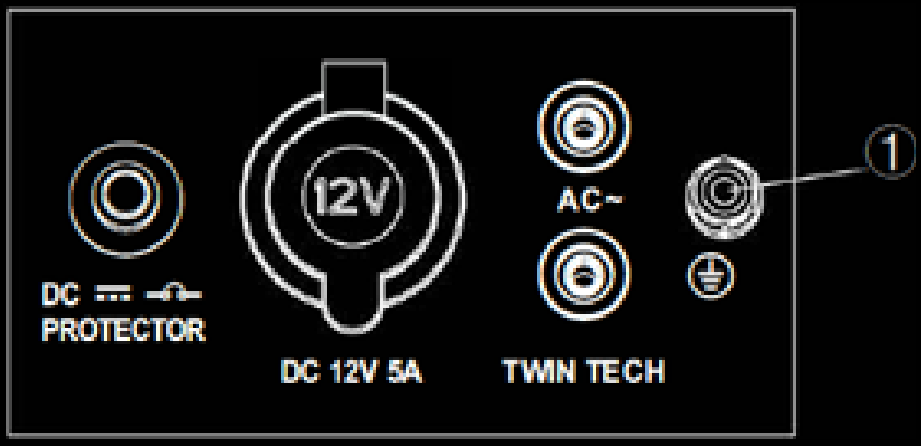
CONTROL FUNCTIONS

Fuel Tank Cap Air Vent Knob:



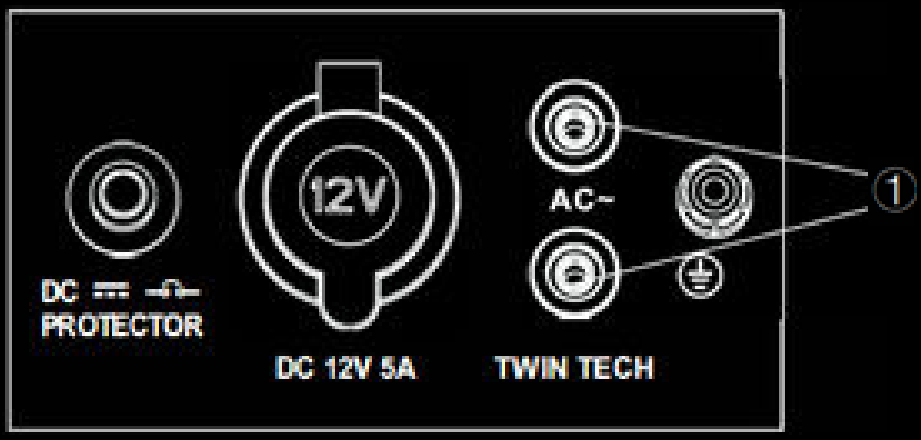
The fuel tank cap features an air vent knob designed to control fuel flow. Turn the air vent knob to “ON” to allow fuel to flow to the carburettor, enabling the engine to run. When the engine is not in use, switch the air vent knob to “OFF” to halt fuel flow.

Ground (Earth) Terminal:



The Ground (Earth) terminal (1) connects the earth line to help prevent electric shock. When the electric device is earthed, always ensure that the generator is also properly earthed.

Parallel Operation Outlets (1):



This terminal is designed for connecting specific cables required for the parallel operation of the 2000i generator. To use parallel running, you will need the GP2000i model and compatible cables. The rated output during parallel operation is 3.2 kVA, with a rated current of 24.0 A at 120V and 14 A at 230V.

PREPARATION

Fuel:

DANGER:

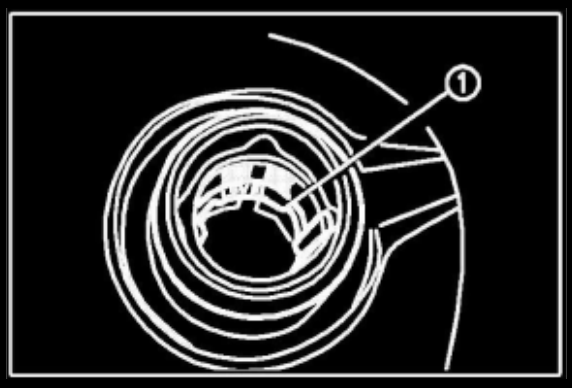
- Fuel is highly flammable and toxic. Carefully review the “SAFETY INFORMATION” before refuelling.
- Avoid overfilling the fuel tank, as this may cause overflow when the fuel warms up and expands.
- After refuelling, ensure the fuel tank cap is securely tightened.

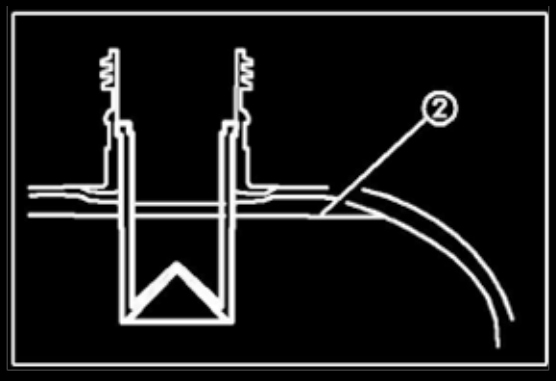
NOTICE:

- Immediately clean up any spilled fuel with a clean, dry, soft cloth, as fuel can damage painted surfaces and plastic components.
- Only use unleaded petrol, as leaded fuel can severely damage internal engine parts. Remove the fuel tank cap and fill the tank up to the red level indicator.

Recommended Fuel: Unleaded petrol
Fuel Tank Capacity:

- Total: 4.0L (1.06 US gal, 0.88 Imp gal)
- Red Line: Fuel level indicator





PREPARATION

Engine Oil:

NOTICE:

The generator is shipped without engine oil. Do not start the engine until it has been filled with the appropriate amount of engine oil.

1. Position the generator on a level surface.

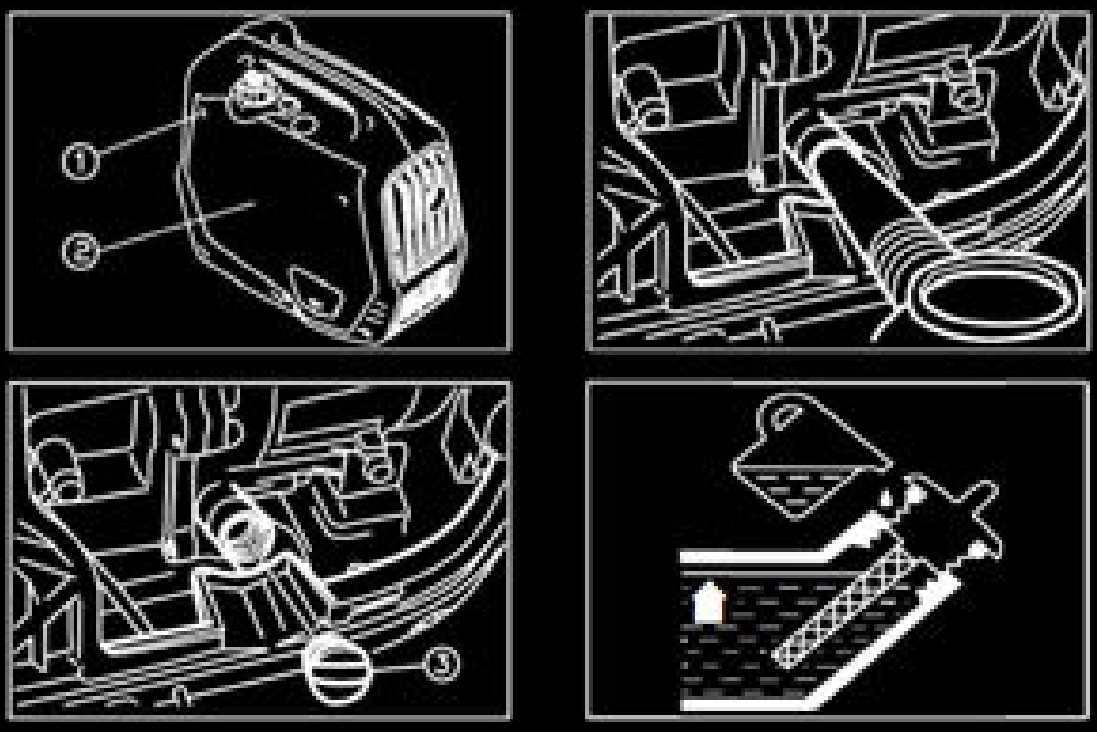
2. Remove the screws (1), then take off the cover (2).

3. Remove the oil filler cap (3).

4. Pour in the specified amount of the recommended engine oil, then reinstall and securely tighten the oil filler cap.

5. Reattach the cover and tighten the screws.

Recommended Engine Oil: SAE 10W-30
Recommended Engine Oil Grade: API Service SE type or higher
Engine Oil Quantity: 0.35 L (0.37 US qt, 0.32 Imp qt)



PRE-OPERATION CHECK

Pre-Operation Check:

WARNING:
If any item in the pre-operation check is not functioning properly, have it inspected and repaired before operating the generator. The condition of the generator is the owner's responsibility. Vital components can deteriorate quickly and unexpectedly, even when the generator is not in use.

TIP: Perform pre-operation checks each time before using the generator.

Fuel:
- Check the fuel level in the tank.
- Refuel if necessary.

Engine Oil:
- Check the oil level in the engine.
- If necessary, add the recommended oil to reach the specified level.
- Inspect the generator for any oil leaks.

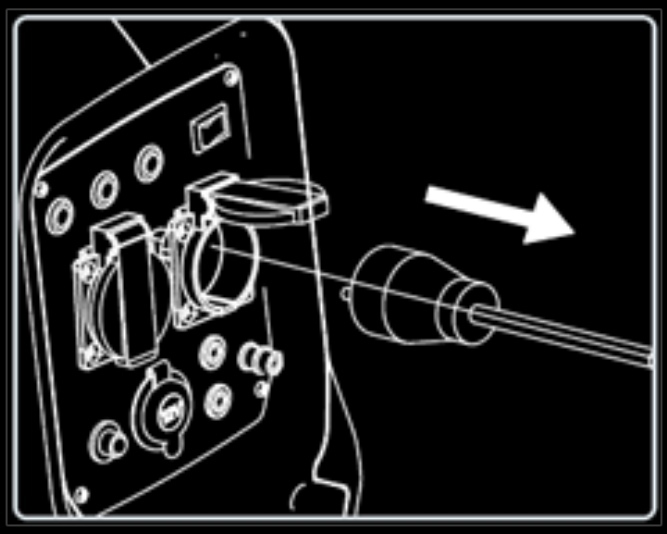
Operation Check:
- Test the operation of the generator.
- If any issues are identified, consult a professional.

OPERATION

WARNING:

- Never operate the engine in an enclosed space, as this can lead to unconsciousness or death within a short time. Always ensure the engine runs in a well-ventilated area.

- Do not connect any electrical devices before starting the engine.



OPERATION

NOTICE:

The generator is shipped without engine oil. Do not start the engine until it has been filled with the appropriate amount of engine oil.
Avoid tilting the generator when adding engine oil, as this could lead to overfilling and potential damage to the engine.

TIP:

The generator can operate at its rated output load under standard atmospheric conditions, defined as:

Ambient temperature: 25°C
Barometric pressure: 100 kPa
Relative humidity: 30%

Be aware that the generator's output may vary due to changes in temperature, altitude (with lower air pressure at higher altitudes), and humidity. Output will decrease when temperature, humidity, and altitude exceed standard conditions. Additionally, reduce the load when operating in confined spaces, as generator cooling may be compromised.

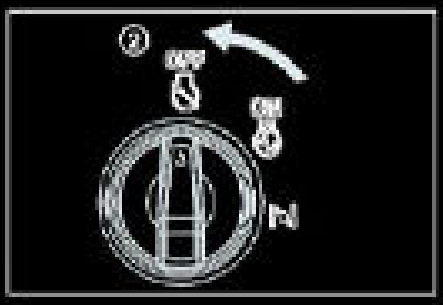
Engine Start Up:

1. Turn the ECON. switch to "ON".

2. Set the air vent knob to "ON" (3).

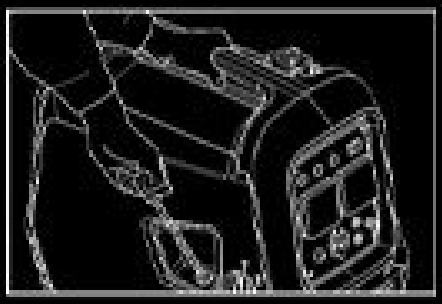
OPERATION

3. Position the 3-in-1 switch to “CHOKE” (2): a. Ignition circuit is activated. b. Fuel is turned on. c. Choke is switched off.



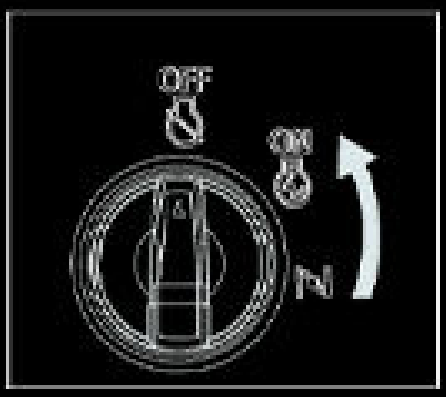
TIP: The choke is unnecessary for starting a warm engine. Push the choke knob to the “ON” position when needed.

4. Pull the recoil starter slowly until it engages, then pull briskly.



TIP: Firmly grasp the carrying handle to prevent the generator from tipping over while pulling the recoil starter.

5. After the engine starts, allow it to warm up until it runs steadily with the choke knob returned to the “ON” position.



TIP: When starting the engine with the ECON. switch set to “OFF” and with no load on the generator:

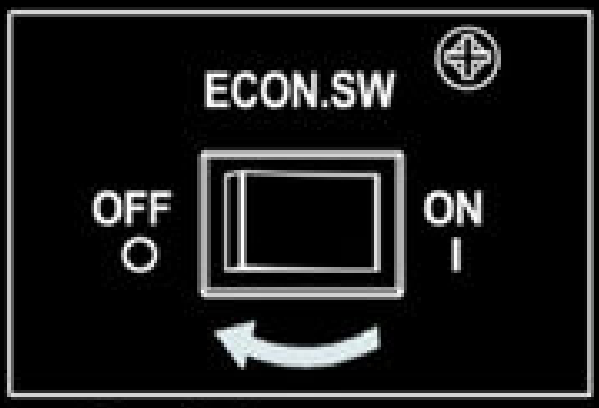
- In temperatures below 0°C (32°F), the engine will run at the rated speed (4600 r/min) for 5 minutes to warm up.
- In temperatures below 5°C (41°F), the engine will run at the rated speed (4600 r/min) for 3 minutes to warm up.
- The ECON. unit will function normally after this warm-up period while set to “ON.”

OPERATION

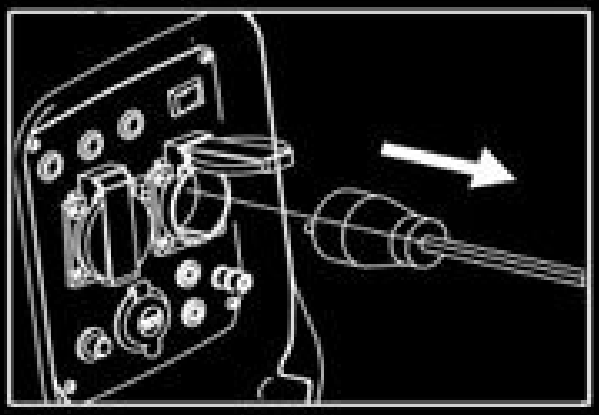
Engine Shut-Down:

TIP: Switch off any electrical devices before shutting down the engine.

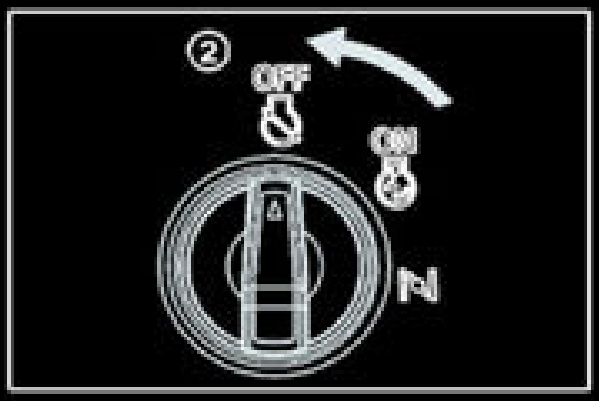
1. Set the ECON. switch to “OFF”.



2. Disconnect all electrical devices.



3. Turn the 3-in-1 switch to “OFF”:
a. Ignition circuit is deactivated.
b. Fuel supply is shut off.



4. Once the engine has fully cooled, turn the fuel tank cap air vent knob to “OFF”.

OPERATION

AC Connection:

WARNING:

Ensure all electrical devices are switched off before plugging them into the generator.

NOTICE:

- Check that all electrical devices, including cables and plug connections, are in good condition before use.
  Ensure the total load does not exceed the generator's rated output.

- Verify that the current drawn by each socket does not exceed its rated capacity.

TIP: Always ground (earth) the generator. If an electrical device requires grounding, the generator must also be earthed.

Steps:

1. Start the engine.

2. Set the ECON. switch to "ON".

3. Insert the plug into the AC socket.

4. Ensure the AC pilot light is illuminated.

5. Switch on the electrical devices.

TIP: Set the ECON. switch to "OFF" to allow the engine to reach its rated speed. When connecting multiple devices, always start with the one that has the highest starting current and finish with the one that has the lowest.

Battery Charging:

TIPS:
- The generator's DC output is rated at 12V.

OPERATION

- Start the engine before connecting the generator to the battery for charging.

- Ensure the DC protector is switched on before beginning the charging process.

1. Start the engine.

2. Connect the red charging lead to the positive (+) battery terminal.

3. Connect the black charging lead to the negative (-) battery terminal.

4. Switch the ECON. mode “OFF” to begin charging.

NOTICE:

- Always switch off ECON. mode while charging the battery.

- Ensure the red charging lead is connected to the positive (+) terminal and the black lead to the negative (-) terminal. Reversing these connections may cause damage.

- Secure the charging leads properly to prevent disconnection due to engine vibrations.

- Follow the battery manufacturer’s instructions for correct charging procedures.

- If the DC protector trips due to excessive current, press the button to reset it.

- If it trips again, stop charging immediately and seek professional assistance.

TIP:

- Refer to the battery owner’s manual to determine when charging is complete.

- Check the electrolyte’s specific gravity regularly—fully charged batteries should have a reading between 1.26sg and 1.28sg

OPERATION

- To avoid overcharging, check the specific gravity at least once per hour.

WARNING:

- Never smoke or create sparks near the battery during charging, as this can cause damage.
- Battery electrolyte contains sulphuric acid, which is highly corrosive and toxic. Avoid contact with skin, eyes, or clothing.

First Aid Treatment:

- Skin Contact: Wash thoroughly with water.
- Ingestion: Drink large amounts of water or milk mixed with magnesia, raw egg, or vegetable oil. Seek immediate medical attention.
- Eye Contact: Flush with water for at least 15 minutes and get medical help immediately.

Batteries release explosive gases—keep them away from flames, cigarettes, and other ignition sources. Always work in a well-ventilated area and wear protective eyewear when handling batteries.

AC Parallel Operation:

Before connecting an appliance to either generator, ensure it is in good condition and does not exceed the receptacle's electrical rating. Many motorized appliances require additional power at start-up.

If the overload indicator (red) lights up when starting an electrical motor but turns off within 4 seconds, this is normal. If it stays on, seek advice from a professional.

During parallel operation, the ECON. switch must be set the same on both generators.

Steps for Parallel Operation:

1. Connect the parallel operation cable between two GP2000i generators as per the cable kit instructions.

OPERATION

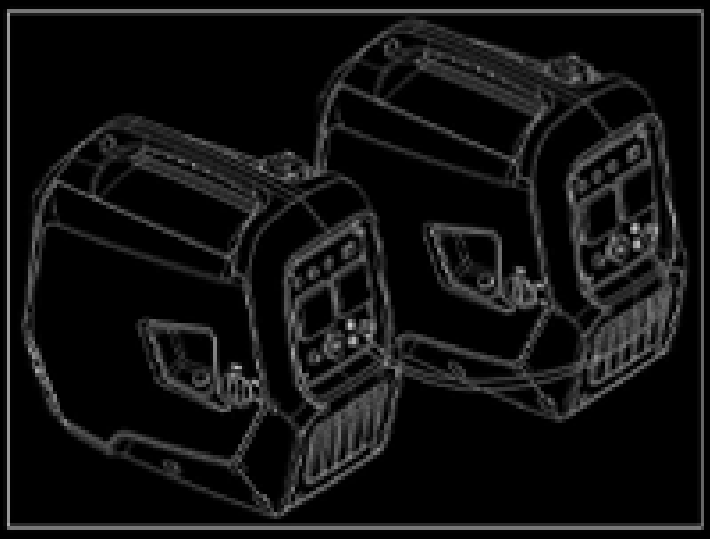
2. Start both engines and check that the output indicator (green) is illuminated on each generator.

3. Plug the appliance into the AC receptacle.

4. Turn on the appliance.

If an overload or short circuit occurs:

- The overload indicator (red) will turn on.
- After approximately 4 seconds, the output indicator (green) will turn off, and power to the connected appliances will be cut.
- Stop both engines and investigate the issue.
- Identify if the problem is due to a short circuit in the appliance or an overload.
- Fix the issue before restarting the generator.



AC Parallel Operation Applications:

GP2000i generators can be connected to increase available power using a parallel cable kit.

Before connecting an appliance or power cord, follow the instructions provided with the parallel operation cable kit.

Tips:

- Ensure all appliances and power cords are in good working condition. Faulty equipment can pose an electrical shock risk.
- If an appliance operates abnormally, slows down, or stops suddenly, turn it

off immediately. Disconnect it and check if the issue is due to the appliance or if the generator's rated load has been exceeded.

- Make sure the total electrical load of connected tools or appliances does not exceed the generator's capacity. Never exceed the maximum load for more than 30 minutes.

- Only connect identical GP2000i models.

- Always use an approved parallel operation cable kit to connect a GP2000i generator to another GP2000i.

- Never connect or disconnect the parallel operation cable while the generator is running.

- When using a single generator, remove the parallel operation cable.

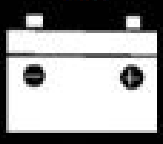
Power Limitations:

Continuous parallel operation: 3.2kVA
Maximum parallel power (up to 30 minutes): 3.6kVA
Continuous overloading, indicated by a constantly lit overload indicator (red), may damage the generator. Even occasional overloading may reduce its lifespan.

Check the power requirements (VA) of all connected devices—this information is typically found near the model or serial number on appliances and power tools.

Application Range:

Ensure the total load remains within the generator's rated output to prevent potential damage.

AC				DC 
Power factor	1	0.8-0.95	0.4-0.75 Efficency 0.85	
GP2000i	~1,800W	~1,440W	~720W	Rated voltage 12v Rated current 5A

OPERATION

TIP:

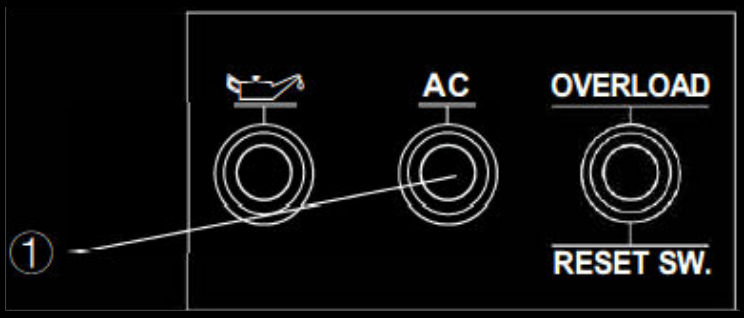
"~" indicates "below."

Application wattage applies when each device is used individually.

AC and DC power can be used simultaneously, but the total wattage must not exceed the generator's rated output.

Generator rated output		1,800VA
Frequency	Power factor	
AC	1.0	~ 1,800W
	0.8	~ 1,440W
DC	—	60W (12V/5A)

The overload indicator light turns on when total wattage exceeds the generator's capacity.



NOTICE:

- Do not overload the generator. Ensure the total electrical load stays within the generator's rated capacity to prevent damage.

- When powering sensitive equipment such as electronic controllers, PCs, or battery chargers, keep the generator at a safe distance to avoid electrical interference.

- If you are using the generator for medical equipment, seek guidance from the manufacturer, a medical professional, or a hospital.

- Some appliances with electric motors have high starting currents and may be incompatible with the generator, even if they fall within the rated output. Check with the equipment manufacturer for compatibility.

SERVICING & MAINTENANCE

Regular maintenance is the owner's responsibility. Routine checks, adjustments, and lubrication will keep your generator running safely and efficiently. Key maintenance procedures are outlined in the following sections.

WARNING: If you're unsure about performing maintenance, consult an authorised professional. Always stop the engine before carrying out any maintenance.

NOTICE: Use only genuine replacement parts as specified. For assistance, contact an authorised engineer.

Item	Routine	Preoperation check	Every	
			6 months or 100 Hr	12 months or 300 Hr
Spark plug	Check condition. Clean and replace if necessary.		O	
Fuel	Check fuel level and leakage.	O		
Fuel hose	Check fuel hose for cracks or damage. Replace if necessary.	O		
Engine oil	Check oil level in engine	O		
	Replace		O(*1)	
Air filter element	Check condition. Clean.		O(*2)	
Muffler screen	Check condition. Clean and replace if necessary.		O	
Spark arrester	Check condition. Clean and replace if necessary.		O	
Fuel filter	Clean and replace if necessary.			O
Crankcase breather hose	Check breather hose for cracks or damage. Replace if necessary			O
Cylinder head	Decarbonize cylinder head More frequently if necessary			★
Valve clearance	Check and adjust when engine is cold.			★
Fittings/fasteners	Check all fittings and fasteners. Correct if necessary.			★
The point where abnormality was recognized by use		O		

*1.....Initial replacement of the engine oil is after one month or 20 hours of operation.
*2.....The air filter element needs to be cleaned more frequently when used in unusually wet or dusty areas.
★.....Since these items require tools, data and technical skills, have our dealer perform the service.

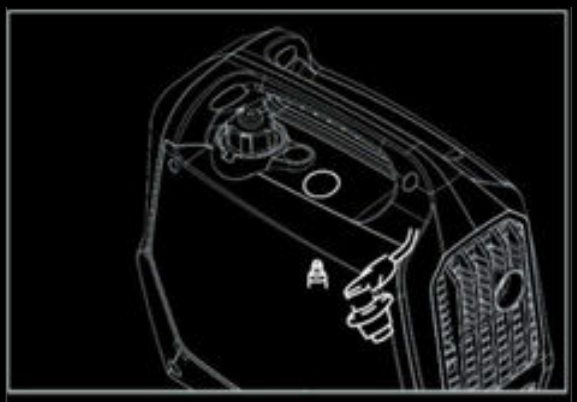
SERVICING & MAINTENANCE

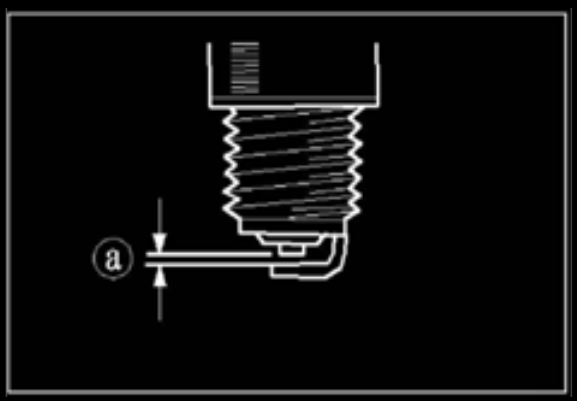
The spark plug is a crucial component of the engine and should be inspected periodically.

1. Remove the cap and spark plug cap, then insert the tool through the hole from the outside of the cover.

2. Insert the handle into the tool and turn it anticlockwise to remove the spark plug.

3. Check for discolouration and clean off any carbon build-up. The porcelain insulator around the centre electrode should be a medium-to-light tan colour.





4. Verify the spark plug type and gap.

Standard Spark Plug Types:

A7RTC (TORCH)
A7RTC (LD)
CR7HSA (NGK)

Spark Plug Gap: 0.6-0.7 mm (0.024-0.028 in)

TIPS: Measure the spark plug gap with a wire thickness gauge and adjust to specifications if necessary.

5. Install the spark plug.

Spark Plug Torque: 15.0 Nm

TIP: If a torque wrench is unavailable, a good estimate for the correct torque is to turn it 1/4 to 1/2 turn past finger tight. However, the spark plug should be tightened to the specified torque as soon as possible.

6. Reinstall the spark plug cap and spark plug cover.

SERVICING & MAINTENANCE

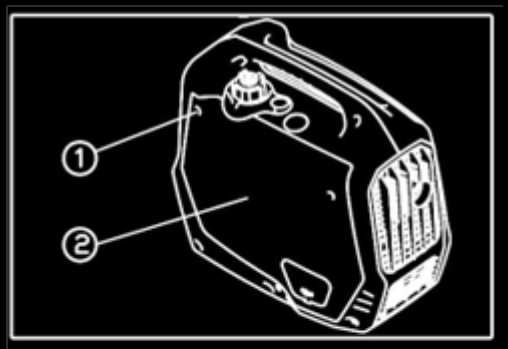
Carburettor Adjustment:

The carburettor is an essential component of the engine. Adjustments should be performed by an authorised engineer who has the professional knowledge, specialised data, and equipment to do so correctly.

Engine Oil Replacement:

Avoid draining the engine oil immediately after stopping the engine, as the oil is hot and can cause burns.

1. Place the generator on a level surface and warm up the engine for several minutes. Then stop the engine and turn the 3-in-1 switch knob and fuel tank cap air vent knob to "OFF."



2. Remove the screws and then take off the cover.

3. Remove the oil filler cap.

4. Place an oil pan under the engine and tilt the generator to drain the oil completely.

5. Return the generator to a level surface.

NOTICE:

Do not tilt the generator when adding engine oil, as this could result in overfilling and damage to the engine.

6. Add engine oil until it reaches the upper level.

Recommended Engine Oil:

SAE 10W-30

- Recommended Oil Grade: API Service SE type or higher
- Engine Oil Quantity: 0.35 L (0.37 US qt, 0.32 Imp qt)

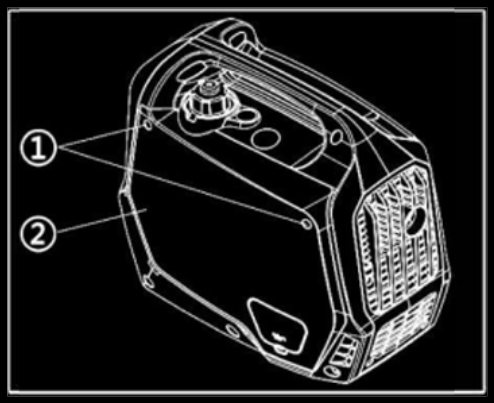
SERVICING & MAINTENANCE

7. Wipe the cover clean and remove any spilled oil.

NOTICE: Ensure no foreign material enters the crankcase.

8. Install the oil filler cap.

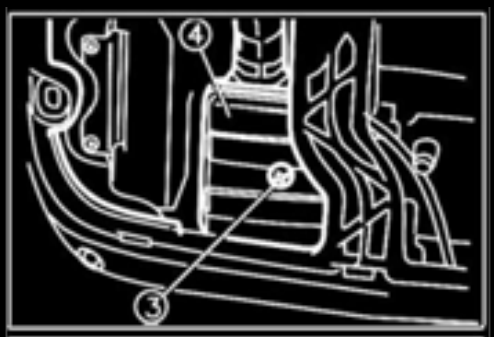
9. Reinstall the cover and tighten the screws.



Air Filter Maintenance:

1. Remove the screws and then take off the cover.

2. Remove the screw and then detach the air filter case cover.



3. Take out the foam element.

4. Wash the foam element in solvent and allow it to dry.

5. Oil the foam element and squeeze out the excess oil. The foam element should be wet but not dripping.

6. Insert the foam element back into the air filter case.

7. Reinstall the air filter case cover in its original position and tighten the screw.

8. Replace the cover and tighten the screws.

NOTICE: Gently wring out the foam element by lightly squeezing it, as the foam can tear if squeezed too hard.

SERVICING & MAINTENANCE

TIP: Ensure the foam element sealing surface aligns with the air filter to prevent air leakage. The engine should never run without the foam element, as this may cause excessive piston and cylinder wear.

Muffler/Exhaust Screen and Spark Arrester:

WARNING: The engine and muffler will be very hot after operation. Avoid touching them with any part of your body or clothing during inspection or repair.

1. Remove the screws, then pull outward on the designated areas of the cover as shown.

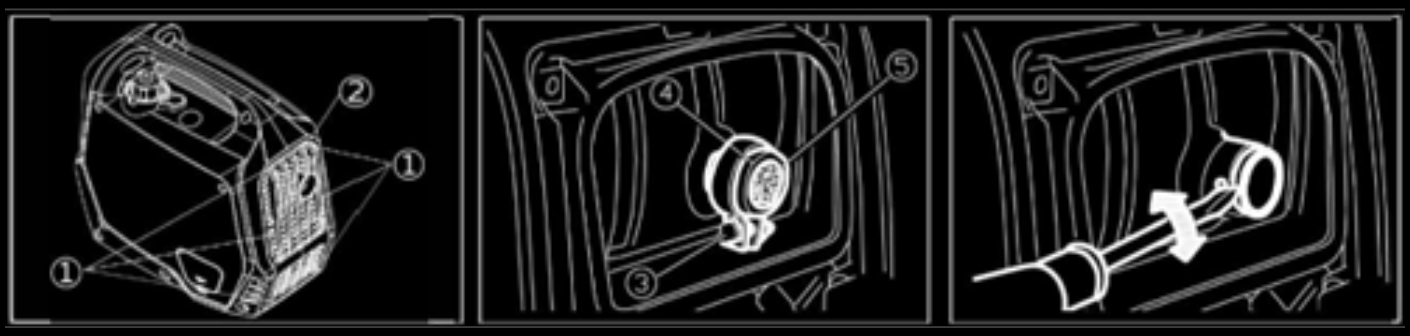
2. Loosen the bolt, then remove the muffler cap, muffler screen, and spark arrester.

3. Clean the carbon deposits on the muffler screen and spark arrester using a wire brush.

4. Check the muffler screen and spark arrester. Replace them if damaged.

5. Install the spark arrester.

NOTICE: When cleaning, use the wire brush lightly to avoid damaging or scratching the muffler screen and spark arrester.



TIP: Align the spark arrester projection with the hole in the muffler pipe.

6. Install the muffler screen and the muffler cap.

7. Install the cover and tighten the screws.

SERVICING & MAINTENANCE

Fuel Tank Filter:

WARNING: Never handle petrol near an open flame or while smoking.

1. Remove the fuel tank cap and filter.

2. Clean the filter with gasoline.

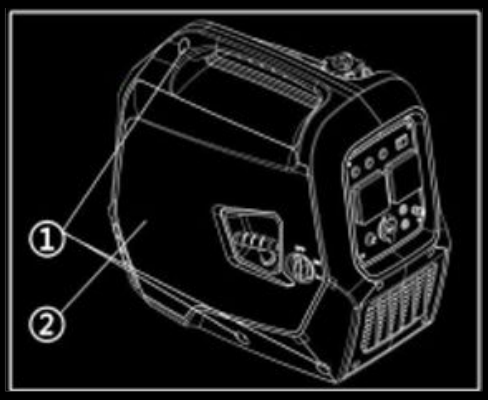
3. Wipe the filter and reinstall it.

4. Securely tighten the fuel tank cap.

Engine Fuel Filter:

1. Remove the screws(1) and cover(2), then drain the fuel (3).

2. Lift the clamp and disconnect the hose from the tank.



3. Remove the fuel filter.

4. Clean the filter with petrol.

5. Dry the filter and reinstall it in the tank.

6. Reattach the hose and clamp, then open the fuel valve to check for leaks.

7. Reinstall the cover and tighten the screws.

Carburettor Adjustment for High Altitude:

At higher elevations, the air-fuel mixture becomes too rich, reducing performance and increasing fuel consumption. An overly rich mixture can also foul the spark plug and cause hard starting. Long-term operation at an altitude different from the engine's certification level may lead to higher emissions.

To improve performance at altitudes above 5,000 feet (1,500 meters), a carburettor adjustment is required. If you primarily use your engine at high altitudes, consult a servicing professional for the necessary modification. Operation at an altitude that differs from that at which this engine was certified for extended periods of time may increase emissions.

Storage:

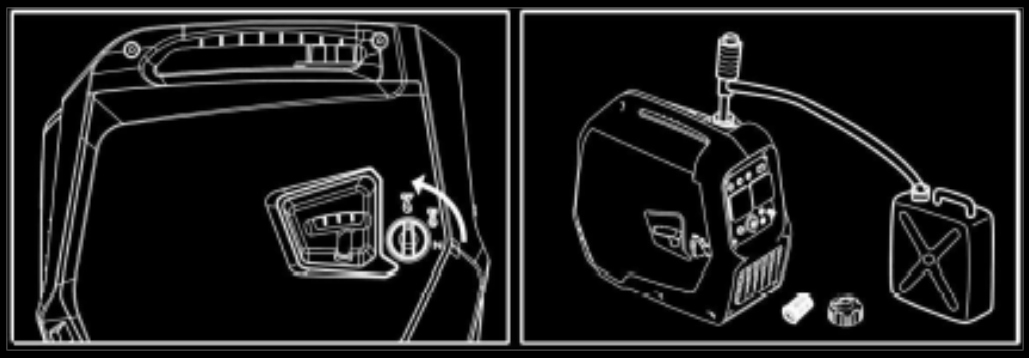
Proper storage is essential to prevent deterioration when the machine is not in use for an extended period.

Draining the Fuel:

1. Turn the 3-in-1 switch to "OFF."

2. Remove the fuel tank cap and filter. Use a commercially available hand siphon to extract fuel from the tank into a container. Reinstall the fuel tank cap securely.

SERVICING & MAINTENANCE



WARNING: Fuel is highly flammable and toxic.

NOTICE: Immediately wipe off any spilled fuel with a clean, dry, soft cloth, as fuel can damage painted surfaces and plastic components.

3. Start the engine and let it run until it runs out of fuel.

TIP: Do not connect any electrical devices during this process. The duration of engine operation depends on the remaining fuel in the tank.

4. Remove the screws and take off the cover.

5. Loosen the drain screw on the carburettor float chamber to drain any remaining fuel.

6. Turn the 3-in-1 switch to “OFF.”

7. Tighten the drain screw securely.

8. Reinstall the cover and tighten the screws.

9. Once the engine has fully cooled, turn the fuel tank cap air vent knob to “OFF.”

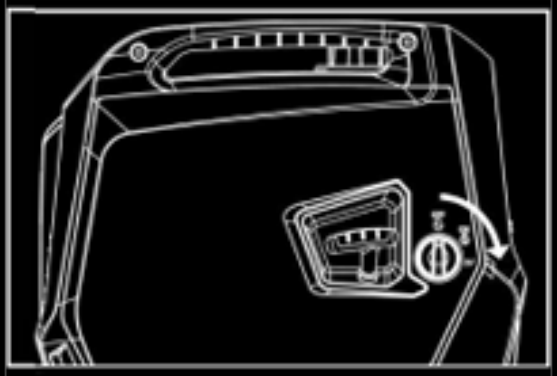
Engine Storage:

Follow these steps to protect the cylinder, piston ring, and other components from corrosion:

SERVICING & MAINTENANCE

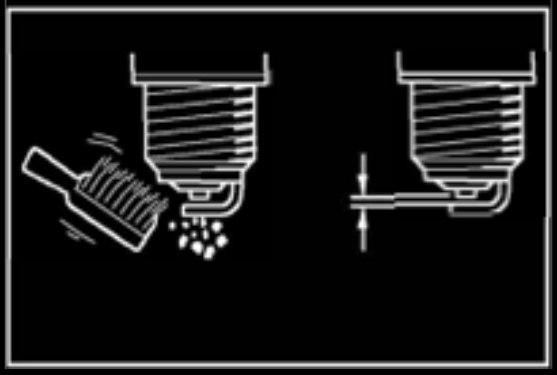
1. Remove the spark plug and pour approximately one tablespoon of SAE 10W-30 oil into the spark plug hole. Reinstall the spark plug. Pull the recoil starter several times (with the 3-in-1 switch knob set to “OFF”) to evenly coat the cylinder walls with oil.

2. Slowly pull the recoil starter until resistance is felt, then stop. This helps prevent rust on the cylinder and valves.



3. Wipe down the exterior of the generator to remove any dirt or debris.

4. Store the generator in a dry, well-ventilated area with a cover placed over it for protection.



TROUBLESHOOTING

Engine Won't Start

1. Fuel System – No fuel reaching the combustion chamber:

No fuel in the tank: Refill with fuel.

Fuel is present, but the engine won't start: Ensure the fuel tank cap air vent knob and fuel shut-off knob are set to "ON."

Clogged fuel filter: Clean the fuel filter.

Clogged carburettor: Clean the carburettor.

2. Engine Oil System – Insufficient oil:

Low oil level: Add engine oil.

3. Electrical System – Ignition issues:

Set the 3-in-1 switch to "CHOKE" and pull the recoil starter. If the engine still won't start:

- Spark plug dirty with carbon or wet: Clean or dry the spark plug.
- Faulty ignition system: Contact an authorised engineer.

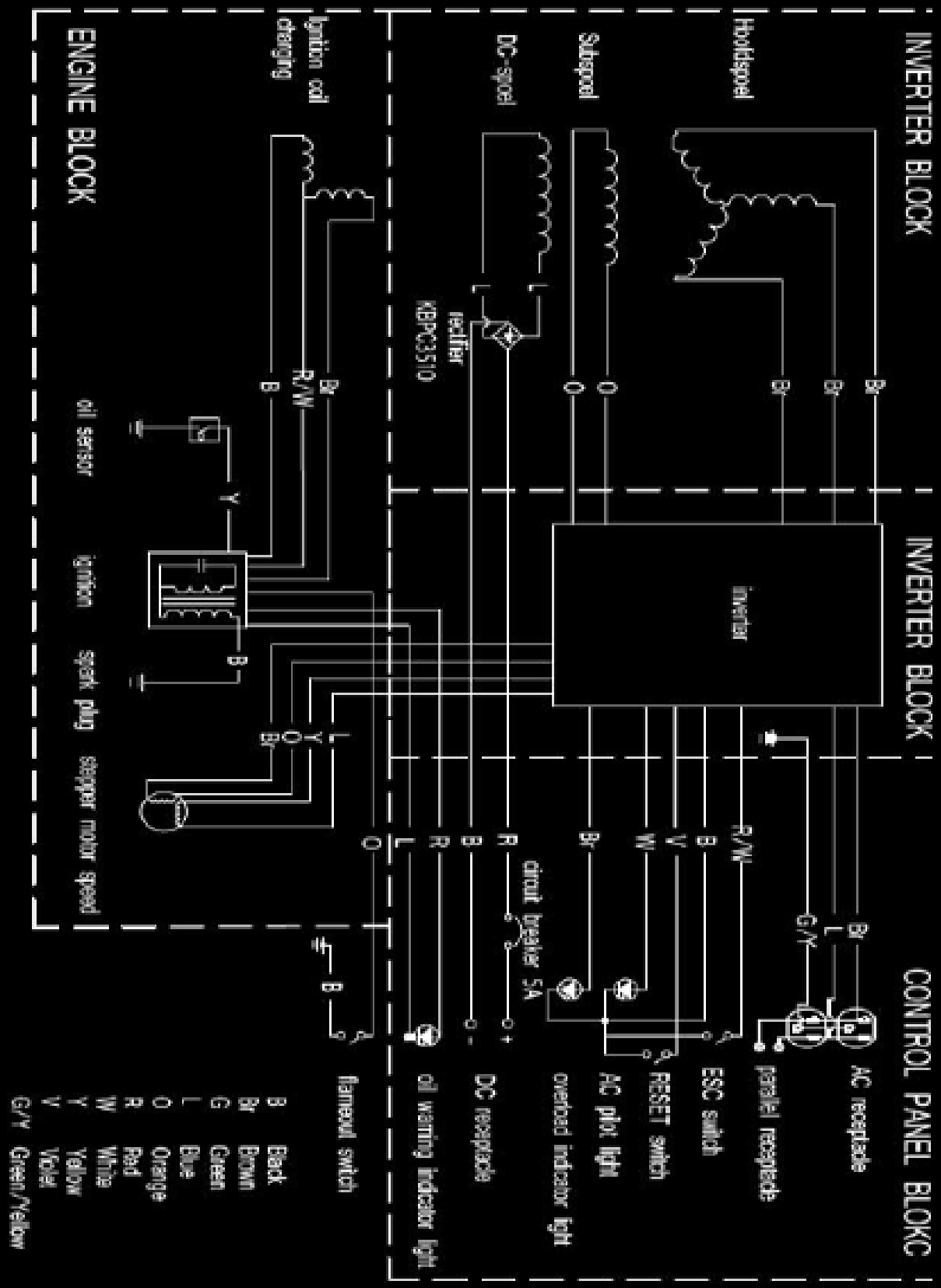
3. Generator Won't Produce Power

Safety device (DC protector) is "OFF": Press the DC protector to "ON."

AC pilot light is off: Stop the engine, then restart.

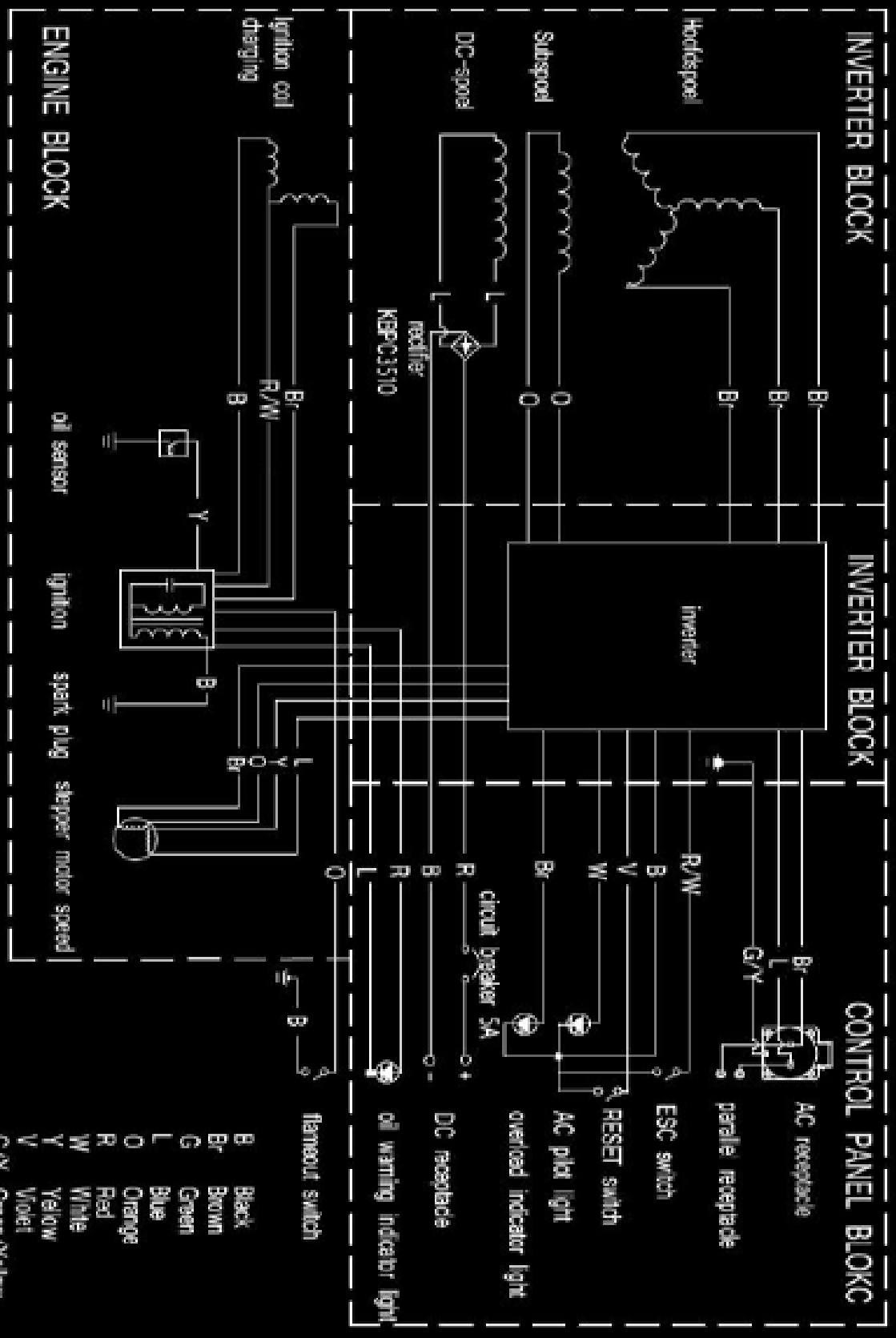
WIRING DIAGRAM

A. 60Hz, 120V with parallel receptacle



WIRING DIAGRAM

B. 50Hz, 230V with parallel receptacle



TECHNICAL SPECIFICATIONS

GP2000i

KEY FEATURES

TRUE SINE WAVE INVERTER
Provides clean, stable power to safely operate sensitive electronics.

LIGHTWEIGHT
Weighing just 21kg, it's designed for effortless transport and mobility.

ECONOMY MODE
Automatically adjusts engine speed to reduce fuel consumption, noise, and emissions.

LOW OIL SHUT OFF
Protects the engine by automatically shutting off when oil levels are too low.

TECHNICAL SPECIFICATION

Model	GP2000i
Maximum Watts	2000w
Running Watts	1800w
Fuel Type	Petrol
Weight (kg)	21kg
Fuel Tank Capacity (litres)	4L
Oil Capacity (litres)	0.35L
Starting System	Recoil
Frequency	50Hz
Dimensions (mm)	540*325*490mm

† Please ensure the correct model is referenced when reviewing technical specifications, as features & performance may vary between models.

PANEL CONNECTIONS

USB CONNECTIVITY
Easily charge phones, tablets, and other USB-powered devices without the need for an adaptor.

PARALLEL CONNECTIVITY
Connect two compatible generators for extra power when running higher-wattage equipment.

GROUND TERMINAL
Provides a secure earth connection for improved safety and compliance with regulations.

2 x 240V AC SOCKETS
Power household appliances, tools, and other electrical devices directly.

equip2clean®
A proud subsidiary of equipmart

WARRANTY

Commercial and Industrial
12 Months Limited*

Domestic and Residential
3 Years Limited*

We stand behind the quality and reliability of our generators, ensuring you have a dependable solution for your power needs.

Comprehensive Coverage: Our warranty protects you against any manufacturing defects, providing full support for repairs or replacements.

Reliable Performance: Our generators offer consistent, high-quality power, backed by our trusted warranty.

Customer Support: Should any issues arise, our dedicated customer service team is always on hand and ready to help with hassle-free assistance to offer solutions. Customers need to show proof of purchase when claiming warranty.

Warranty Exclusions:
Normal wear and tear and user misuse.
Any modifications made to the generator will void the warranty.
Cosmetic defects.
Fuel system damage or engine performance problems resulting from contaminated fuel due to poor storage.
Damage by accident, impact, improper installation, or storage.
Damage by water ingestion, submersion, and external water damage.
Damage caused by frost or overheating from excessive ambient temperatures or lack of ventilation.
Damage from overloading or underloading.
Fuel-related problems (contaminated or stale fuel, incorrect fuel/oil mixture, incorrect fuel type).
Please bear in mind, warranties are not transferable.

If the product develops a fault within 30 days, we will either repair the product, replace it with a like-for-like product, or offer a refund. If we replace the product, please allow us 14 working days to inspect the original product. If there is no fault found, the original will be returned, and the carriage will be chargeable.

AFTERCARE & SUPPORT

Thank you for choosing the GP2000i generator, brought to you by equip2Clean®.

If you have any questions, need support, or encounter any issues with your product, our team is here to help.

Equipmart Ltd

Kiam House

Birchill Road

Knowsley Ind. Park North

Merseyside

L33 7TD

United Kingdom

(+44) 0151 548 5500

contact@equip2clean.co.uk

www.equip2clean.co.uk

Equipmart Ltd
Kiam House
Birchill Road
Knowsley Ind. Park North
Merseyside
L33 7TD
United Kingdom

T: +44 0151 548 5500
E: contact@equip2clean.co.uk