INVERTER GENERATOR

INSTRUCTION MANUAL

PLEASE READ BEFORE USE

GP3800iE

3.8kW INVERTER GENERATOR

Developed by equip2clean

REMOTE CONTROL

ONE BUTTON ELECTRIC START

A REAL BEAST OF A MACHINE

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

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IMPORTANT SAFETY INFORMATION

Proper storage, operation, and maintenance are essential for the safe, efficient, and reliable performance of your GP3800iE Suitcase Inverter Generator.

Before operating or servicing the generator:

Familiarise yourself with and strictly adhere to local laws and regulations. Carefully read and follow all safety warnings in this manual and on the unit.

Ensure all users, including family members, understand the safety precautions outlined in this manual before use.

While this manual provides extensive safety guidance, it is impossible to predict every potential hazard. If specific usage procedures, working methods, or operating techniques are not detailed, always prioritise personal safety. Additionally, ensure that all actions do not cause damage to the generator during operation.

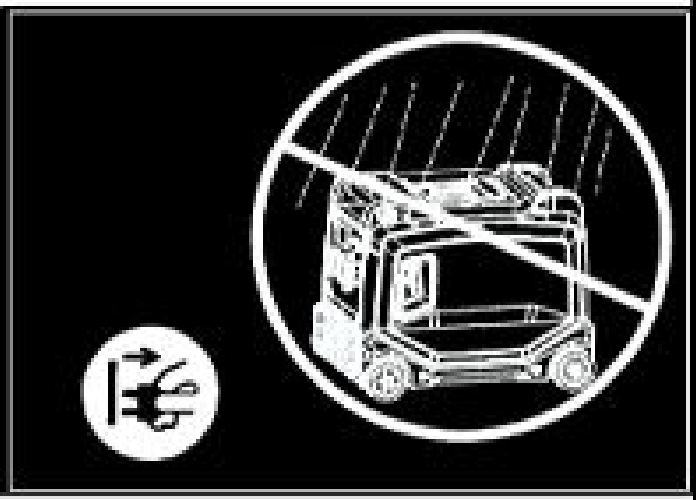
IMPORTANT SAFETY INFORMATION

Danger

Do not use indoors

Danger

Keep it clean. Do not spill gasoline or other flammables on the machine.



Warning

Do not use in damp environment.

IMPORTANT SAFETY INFORMATION

⚠ Warning

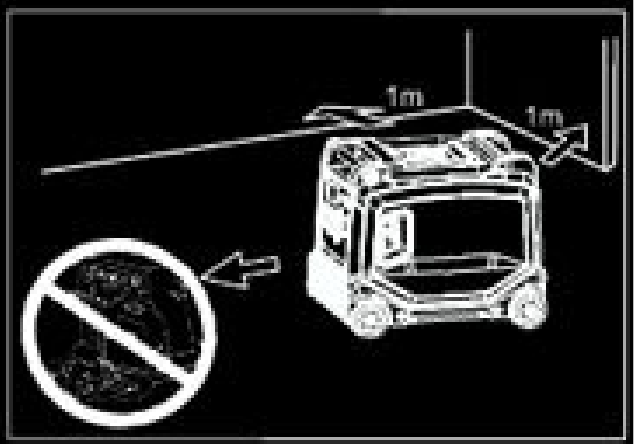
Turn off the engine before refueling.

⚠ Warning

Never smoke near the generator while refueling;
Never refuel near flames.

⚠ Warning

- Keep the generator out of reach of passers-by and children.
- Do not put any combustible objects near the exhaust when the generator is operating.
- Keep the generator at least 1m (3 feet) away from building or other device, Otherwise, the generator will be overheated.

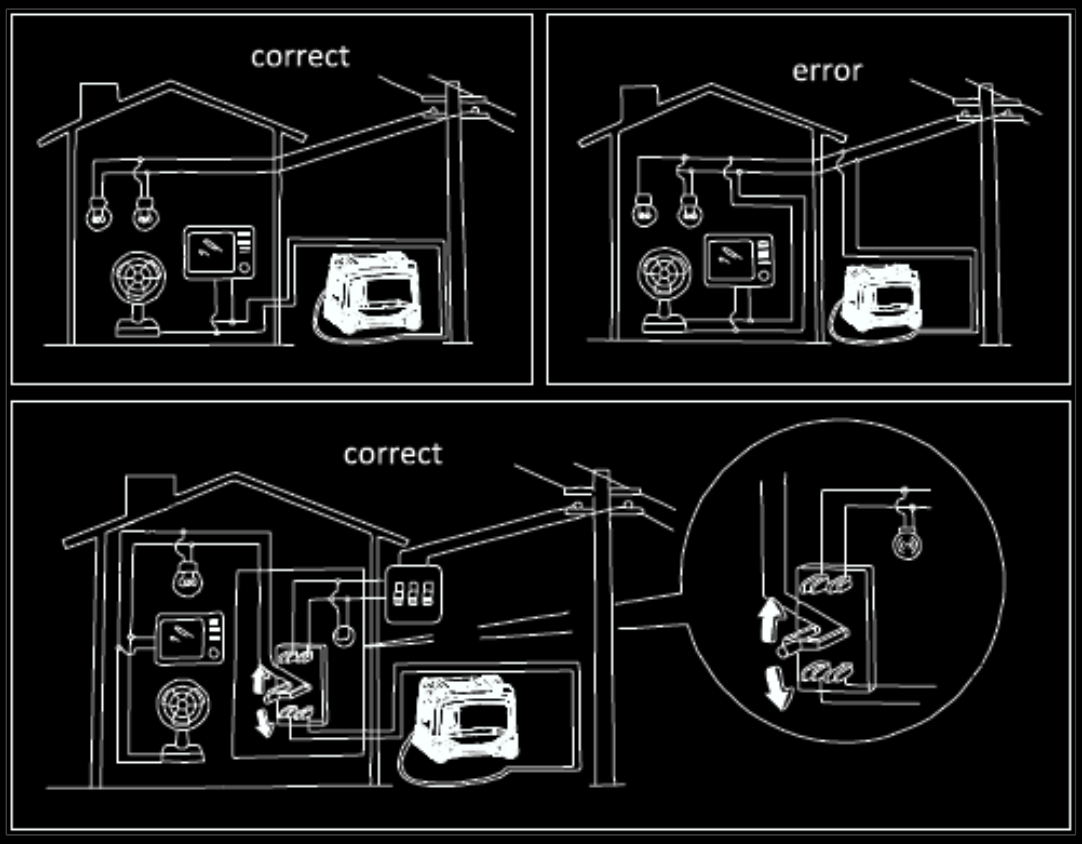


IMPORTANT SAFETY INFORMATION

Connecting to a Home Power Supply

When using the generator as a backup power source for a home, the connection must be carried out by a qualified electrician or a person with appropriate electrical knowledge.

After connecting the load to the generator, carefully check that all electrical connections are secure. Incorrect wiring may result in generator damage, overheating, or fire.

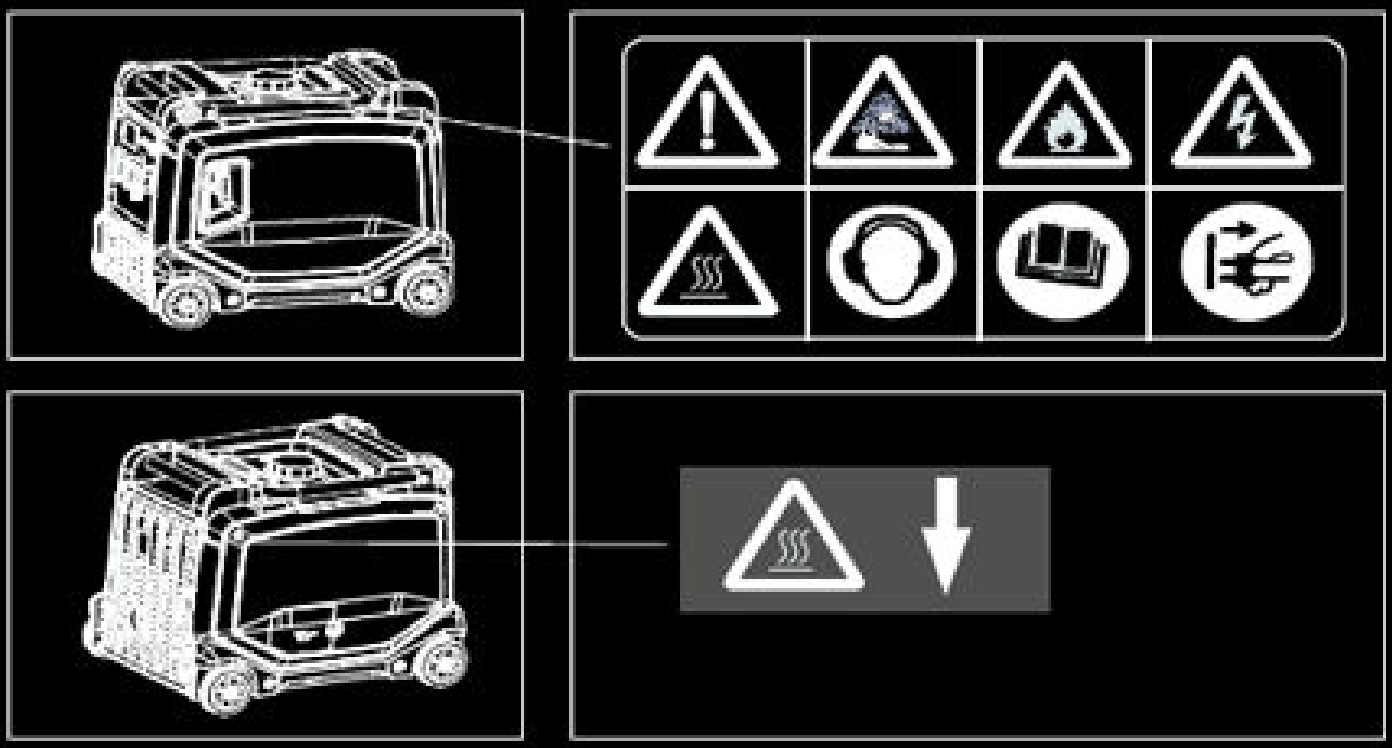


Ventilation and Storage Precautions

To prevent damage, ensure that the air inlet of the inverter cover and the exhaust outlet of the muffler remain clear of debris, mud, and water. Blocked vents can lead to engine, inverter, or motor failure.

When transporting, storing, or using the generator, keep it separate from other items. In the event of an oil leak, contact with other objects may cause engine damage or property loss.

IMPORTANT SAFETY INFORMATION



Reading Manual

Read this manual carefully before operation.

Safety Warning

Failure to follow instructions will result in injury.

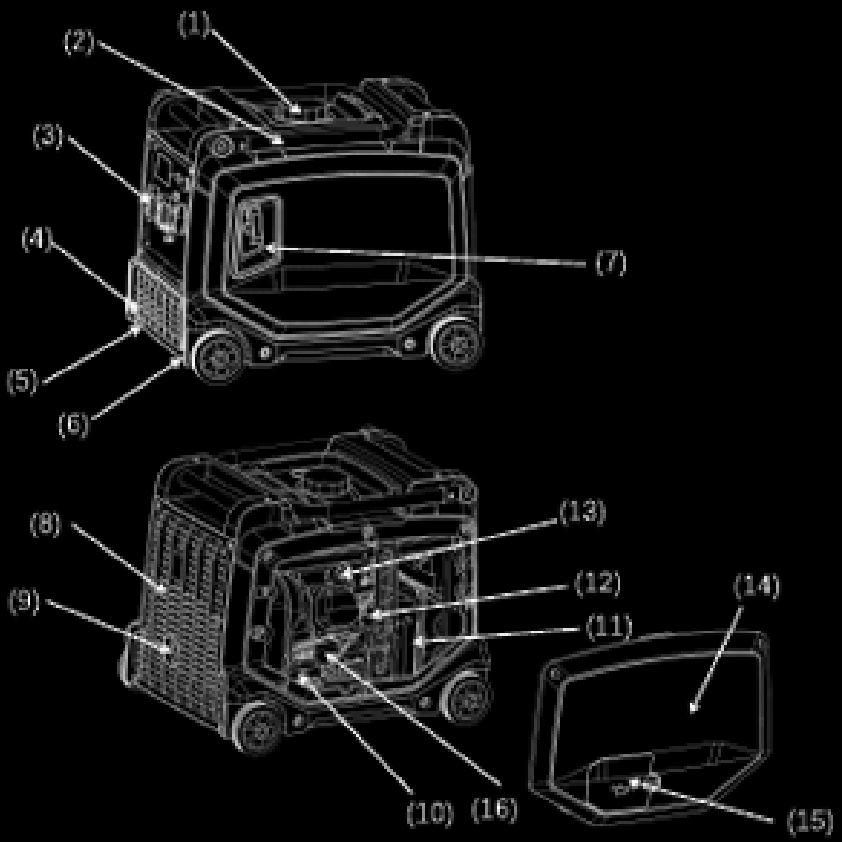
Electric Shock

Danger! Be careful of electric shock.

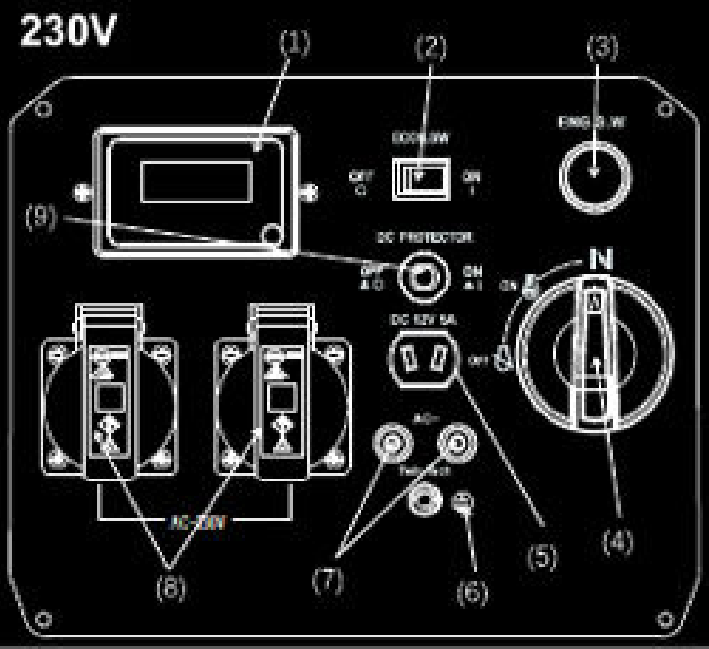
Toxic Gas

The exhaust gas contains Carbon Monoxide (CO), which cannot be seen or smelled. If inhaled too much, it will cause people to lose consciousness and in severe cases may cause death.

SCHEMATICS

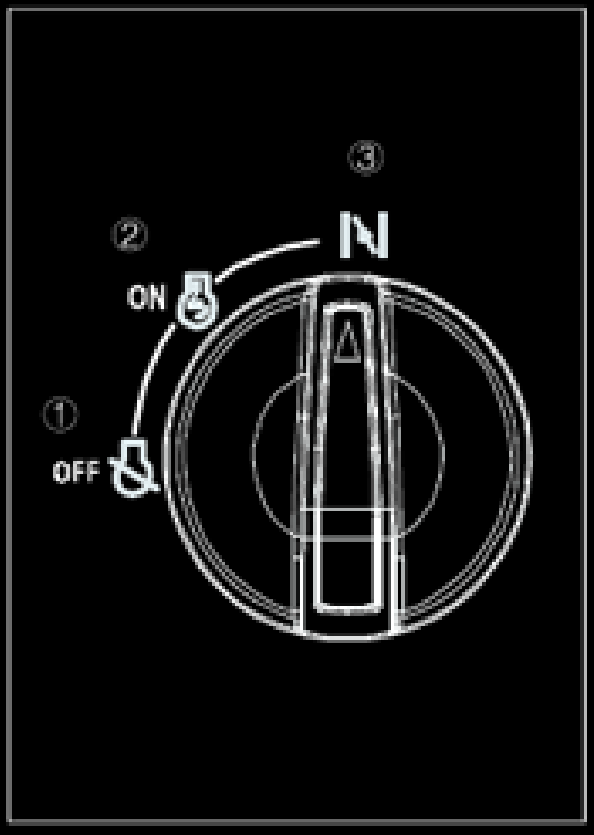


(1) Fuel tank cap
(2) U-shape handle
(3) Control Panel
(4) Inverter unit
(5) Brake
(6) Battery
(7) Recoil starter
(8) Louver
(9) Muffler
(10) Oil gauge
(11) Air filter
(12) Carburetor
(13) Spark Plug
(14) Left Cover
(15) Oil service cover
(16) Serial No.



(1) Multi-functional meter
(2) Econ Switch
(3) Start Button
(4) 3 in 1 Switch
(5) DC socket
(6) Ground terminal
(7) Parallel Operation Connect (for generators with parallel function)
(8) AC socket
(9) DC protector

OPERATION CONTROLS

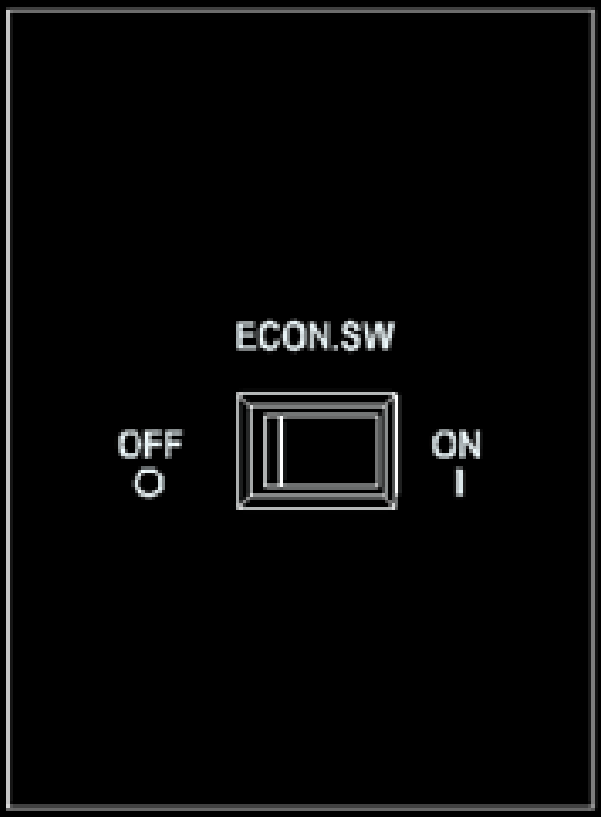


3-in-1 Switch:

OFF Position (1)
The engine switch, fuel valve, and ignition circuit are all turned off.
Fuel is switched off, preventing the engine from starting.

ON Position (2)
The engine switch, fuel valve, and choke are turned on.
The ignition circuit is activated, and fuel is supplied.
The choke is engaged, allowing the engine to run.

Choke Position (3)
The engine switch and fuel valve remain on, but the choke is switched off.
The ignition circuit is active, and the engine can now start.
Note: There is no need to use the 'Choke' position when restarting a warm engine.



ECON Switch:

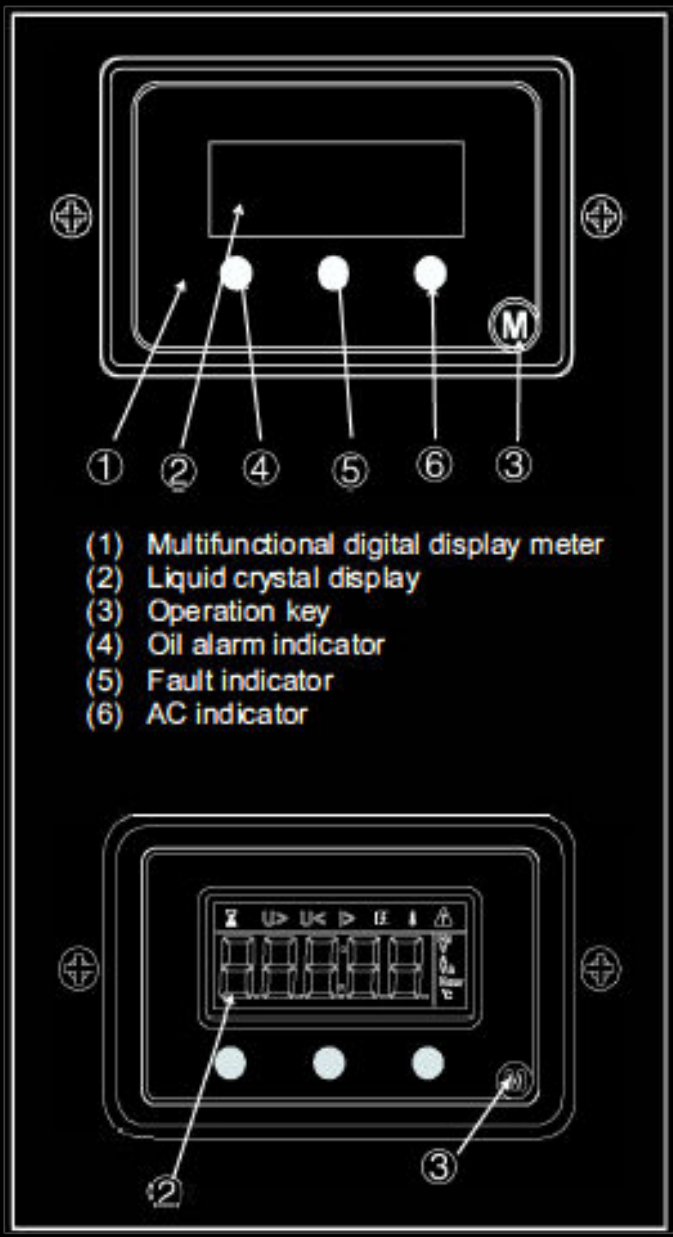
ON Position
When the ECON switch is turned on, the engine automatically adjusts its speed according to the connected load.
This improves fuel efficiency and reduces noise.

OFF Position
When the ECON switch is turned off, the engine runs at a constant speed of 3,300 RPM, regardless of the load.

OPERATION CONTROLS

If the load is less than ¾ of the rated capacity, the engine will continue running at this speed.

Notice: The ECON switch must be turned off when using electrical devices that require a high starting current, such as air compressors or submersible pumps.



Multi-Function Meter (LCD Display):

Normal Operation
Press the button (3) to cycle through the following display items:
Voltage, Current, Power, Total running hours, Current running hours.

Fault Conditions:

Over-Voltage

AC Over-Voltage: The letters “AC” will flash alternately with the voltage reading.

DC Over-Voltage: The letters “DC” will flash alternately with the voltage reading.

Under-Voltage:

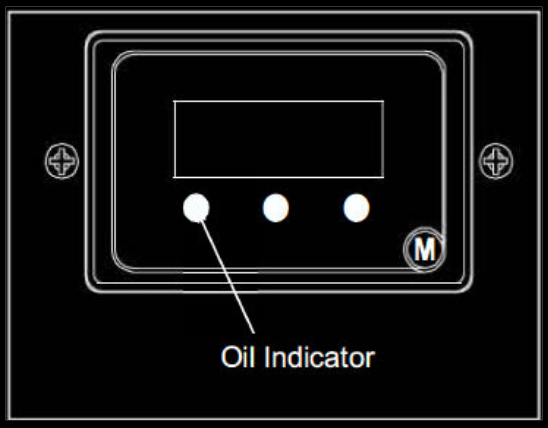
AC Under-Voltage: The letters “AC” will flash alternately with the voltage reading.

DC Under-Voltage: The letters “DC” will flash alternately with the voltage reading.

OPERATION CONTROLS

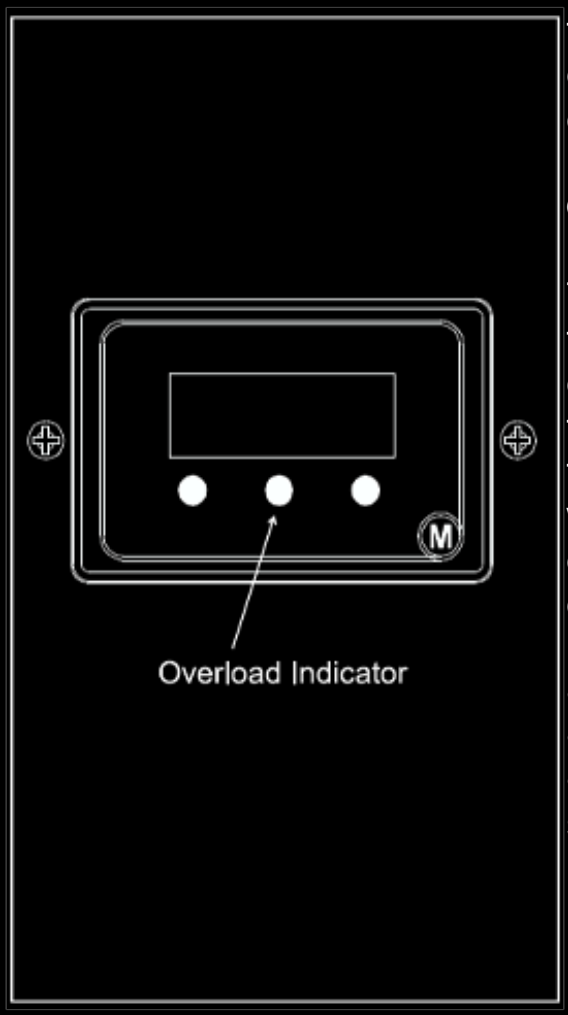
Other Warnings:

I > Over-Current Condition
Short Circuit
Overheating
Maintenance Alert



Low Oil Indicator:
If the oil level drops below the safe limit, the oil protection system will automatically shut down the engine, and the oil alarm indicator will light up.
The engine can only be restarted once the oil level is topped up to the required amount.

Tip: If the generator stops or fails to start, turn the switch to ON and pull the recoil starter. If the oil alarm indicator blinks, this means the oil level is too low. Refill the oil and restart the generator.



Overload Indicator:

The overload indicator will light up if the connected equipment exceeds the generator's output capacity. This can cause the inverter to overheat or the AC voltage to rise. When this happens, the AC protector will activate, stopping the generator's power output to protect both the generator and the connected equipment.

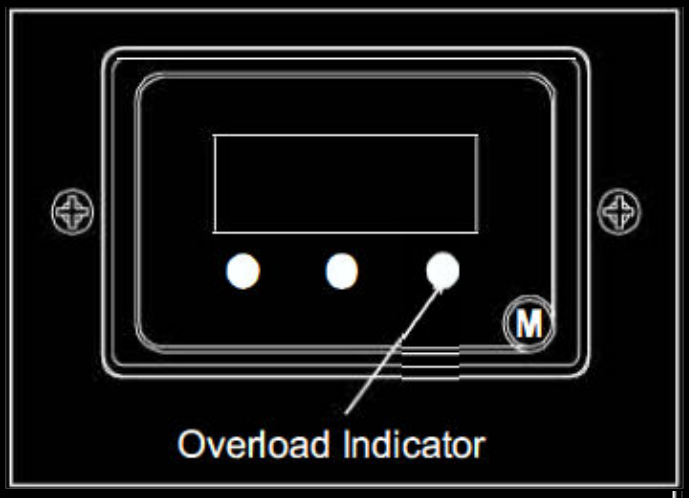
- The AC pilot light (green) will turn off.
- The overload indicator (red) will stay on.
- The engine will continue running but will not supply power.

OPERATION CONTROLS

What to do:

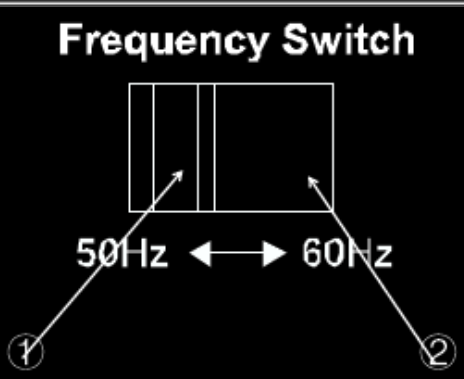
1. Turn off all connected devices and stop the engine.
2. Reduce the total wattage of the connected devices to stay within the generator's rated output.
3. Check for any blockages in the cooling air inlet or issues with the control unit.
4. Restart the generator after completing these checks.

Tip: The overload indicator may briefly light up when using devices that require a high starting current, such as a compressor or a submersible pump. This is normal and not a fault.



AC Pilot Light (Green):

The AC pilot light illuminates when the engine is running and generating power.



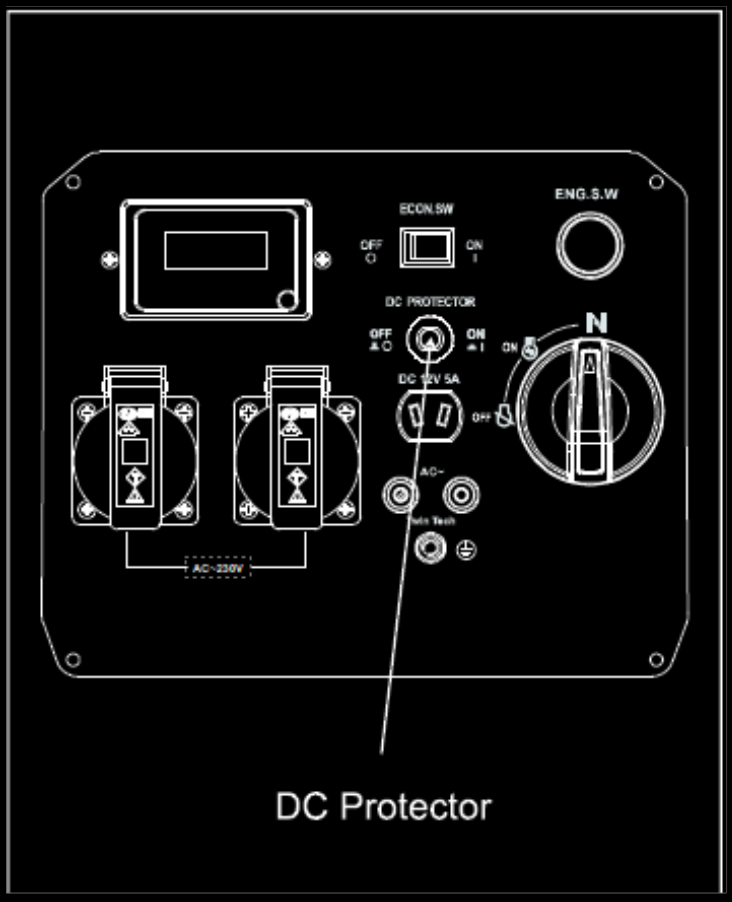
Frequency Switch:

(1) 50 Hz
(2) 60 Hz

IMPORTANT: Stop the generator before switching the output frequency. Use a flat-head screwdriver to push the frequency switch to the required position. Then, restart the generator.

CAUTION: The output frequency of the generator can only be changed when the generator is stopped. If the operation is performed while the generator is running.

OPERATION CONTROLS

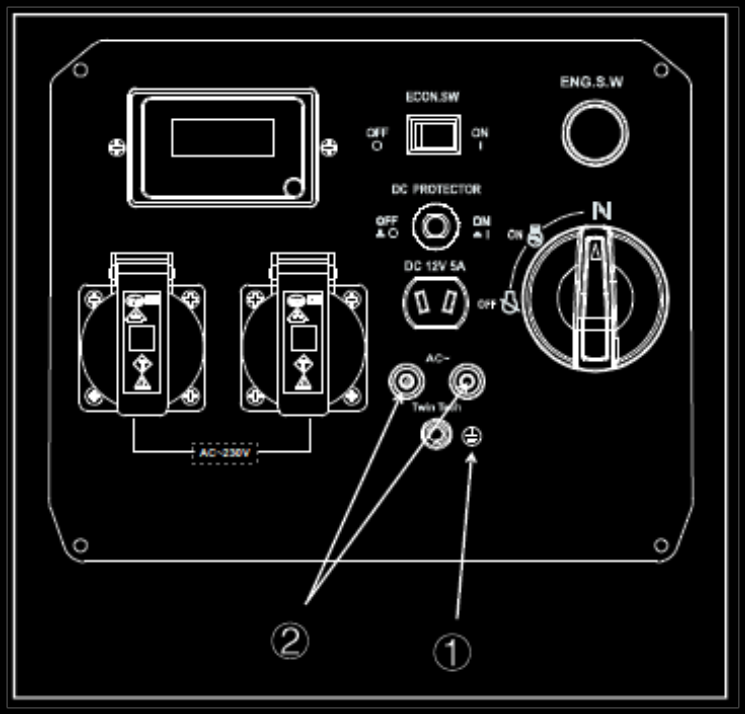


DC Protector

DC Protector:

The DC protector turns off when connected equipment is operating at a current above its rated capabilities. Press the DC protector to 'ON' before re-operation.

CAUTION: Reduce the load of the connected electrical device below the specified rated output if the DC protector turns off. If the DC protector turns off again, stop using the device immediately and consult an authorised engineer.



Ground (Earth) Terminal:

Connect the ground (earth) terminal(1) to the ground wire to prevent electric shock. When the electrical device is connected, always ensure that the generator is properly earthed.

Parallel Operation Connector:

The parallel operation connector is used to connect two generators for parallel operation using specific cables. (The rated output during parallel running is 6.3 kVA at 230 V. The rated current is 60 A at 100 V, 50 A at 120 V, and 28 A at 230 V.)

OPERATION CONTROLS

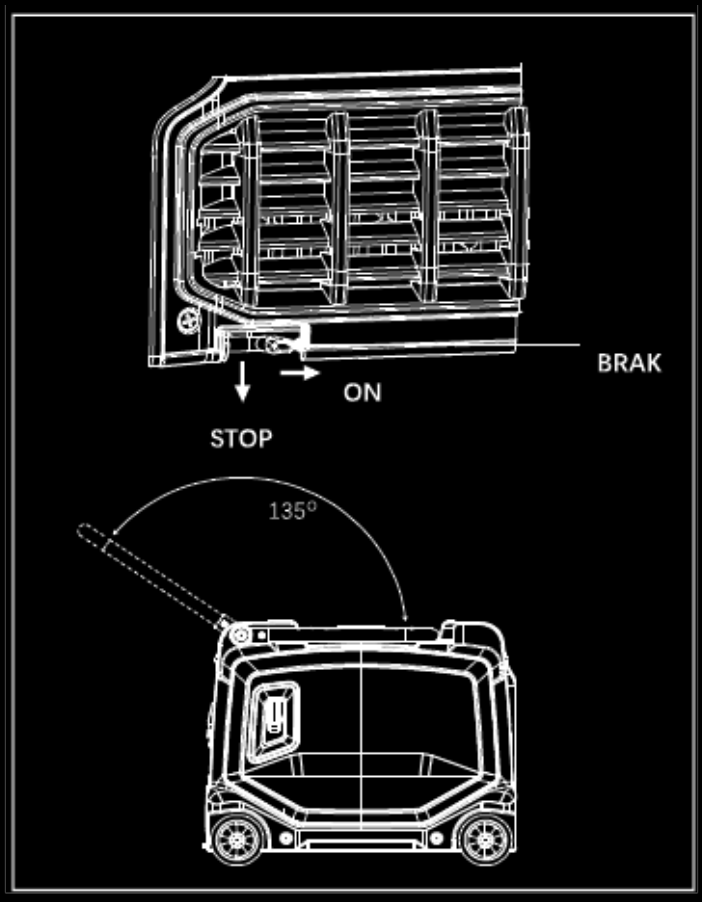
Brake:

During operation or storage, turn the brake to the stop position. Before moving the generator, turn the brake to the on position.

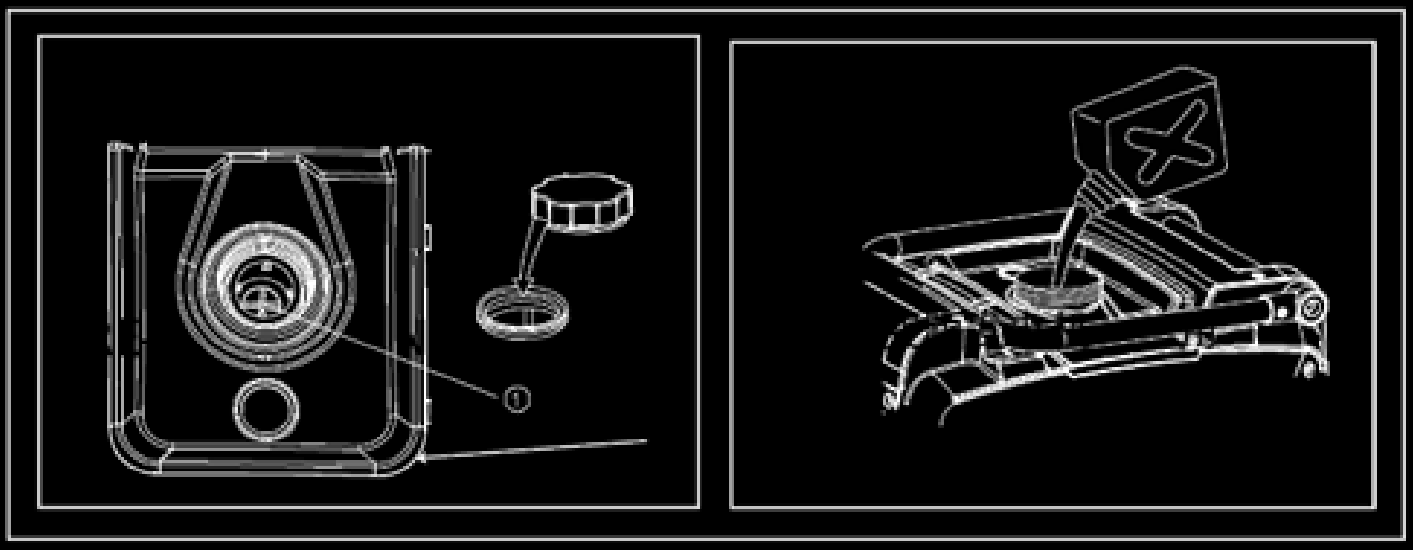
U-Shaped Handle:

During operation or storage, keep the handle on top of the generator. Before moving the generator, pull this handle to approximately a 130-degree position.

CAUTION: The handle for the generator is designed for ease of movement. Do not press downwards on the handle with excessive force, as this could damage the handle.



PRE-OPERATION CHECKS



NOTICE: Check the generator before each operation.

PRE-OPERATION CHECKS

WARNING: The engine and muffler become very hot after the engine has been in use. Avoid any direct contact with the engine and muffler with your body or clothing. Ensure that these components have cooled down before you touch them.

DANGER: Fuel is highly flammable and poisonous.

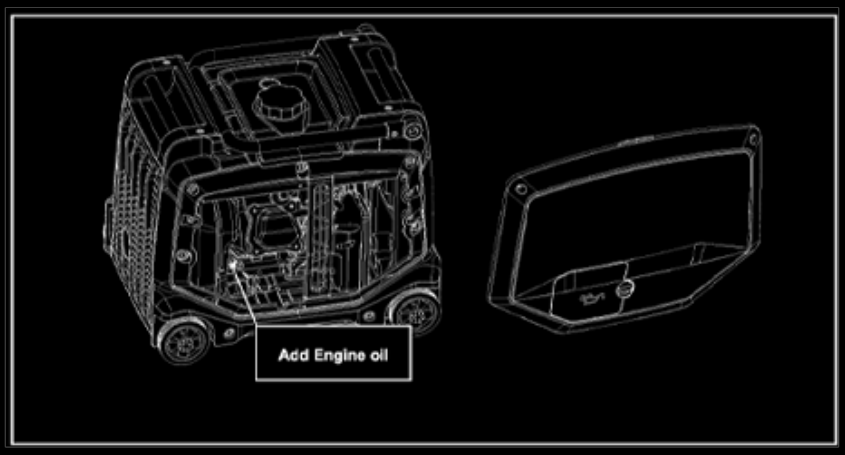
Do not overfill the fuel tank, as it may overflow when the fuel warms up. Ensure that the fuel tank cap is tightened securely.

Wipe up any spilled fuel immediately.

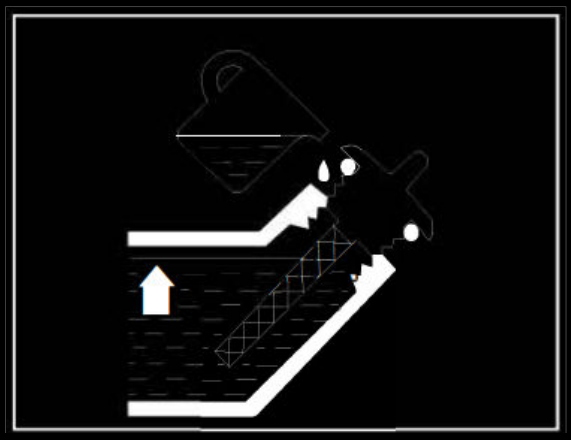
Please do not use leaded petrol, as it will seriously damage the internal components of the engine.

Make sure there is sufficient fuel in the tank.

Recommended Fuel: Unleaded Petrol
Fuel Tank Capacity: 11 L



Engine Oil:
The generator is shipped without engine oil. Do not start the engine until sufficient engine oil has been added. When adding oil, please place the generator on a level surface; do not tilt the generator when adding oil to the engine.



Engine Oil Level:
Recommended Engine Oil: SAE 10W-30
Recommended Oil Grade: API Service SE type or higher.
Engine Oil Capacity: 0.55 L

OPERATION

NOTICE: Never operate the generator in an enclosed area, as the exhaust gases may cause unconsciousness or even death. Always operate the generator in a well-ventilated area. The generator is shipped without engine oil. Do not start the engine until you have added the correct amount of engine oil to the generator.

TIPS:

The generator can work at rated output under standard atmospheric conditions.

Standard Atmospheric Conditions: Ambient temperature 25°C, atmospheric pressure 100 kPa, relative humidity 30%.

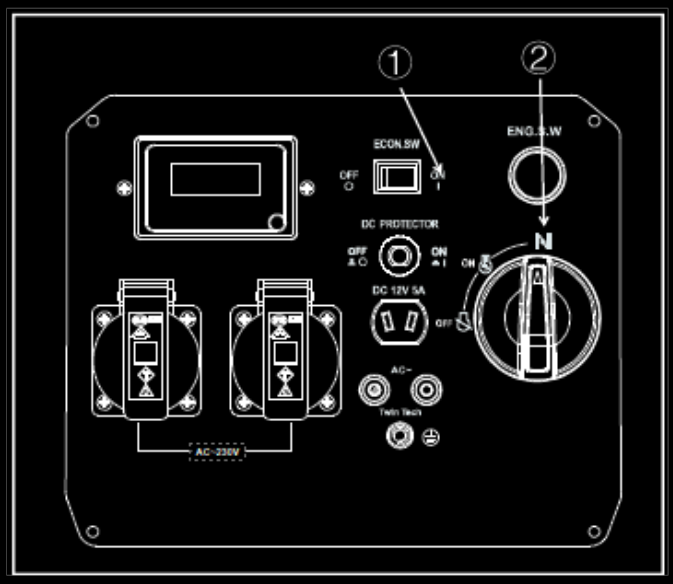
The output of the generator varies under different temperature, altitude (lower air pressure at higher altitude), and humidity. When the temperature, humidity, and altitude exceed standard atmospheric conditions, the output of the generator will drop.

The load of the generator must be reduced when used in a confined area, as this reduces the cooling effect.

Starting The Engine:

Do not connect any device to the generator before it starts.

Turn on the ECON switch to 'ON' (1).
Turn the 3-in-1 switch to 'CHOKE' (2):
A. Fuel system is on.
B. Ignition system is on.
C. Electric start battery is on.
D. Choke is activated, and the generator is ready for a cold start.



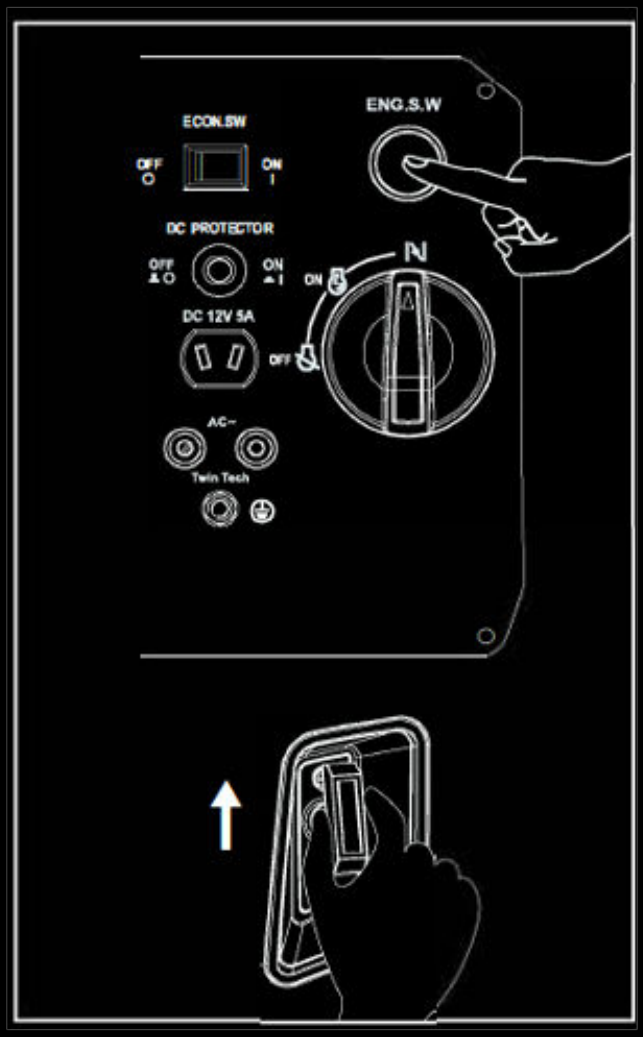
TIP: There is no need to turn the 3-in-1 switch to 'CHOKE' if the engine is already warm before starting.

OPERATION

Electric Start:
Turn the 3-in-1 switch to “CHOKE.”
For the electric start model, press the start button to start the generator. To prolong battery life, do not press the button for more than 3 seconds at a time, and do not repeat the operation in less than 10 seconds.

MANUAL START
Gently pull the hand starter until resistance is felt, then pull it briskly.

TIPS: When pulling the hand starter, hold the generator to prevent it from falling.

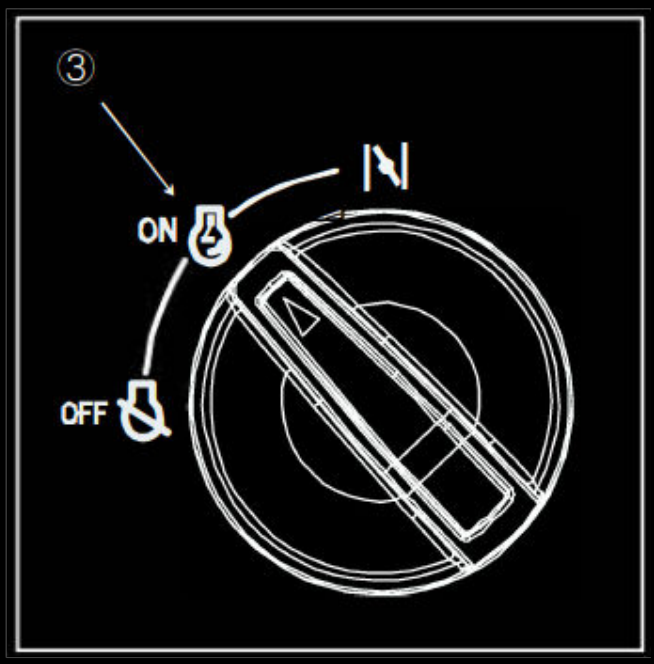


After the engine starts, turn the 3-in-1 switch to “ON” (3) after it has warmed up.

TIPS: Before warming up the engine, turn the ECON switch to OFF, and do not connect any load to the generator.

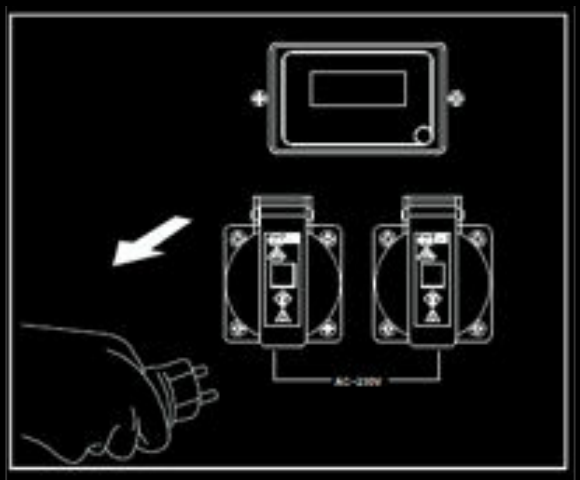
In ambient temperatures below 0°C (32°F), the engine runs at a speed of 3300 rpm for 5 minutes to warm up.

In ambient temperatures below 5°C (41°F), the engine runs at a speed of 3300 rpm for 3 minutes to warm up.



OPERATION

Stopping The Engine:

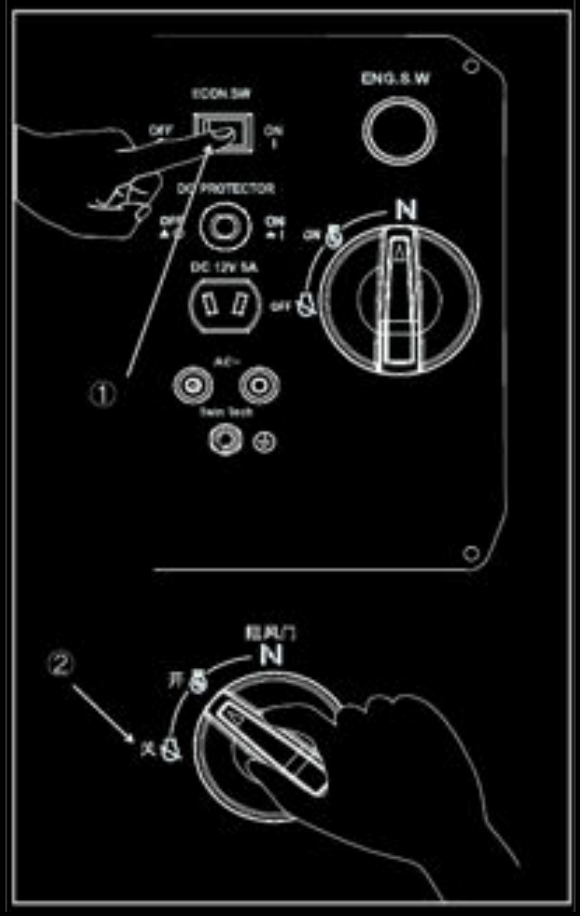


TIPS: Disconnect all devices before stopping the engine.

1. Turn the ECON switch to OFF (1).

2. Disconnect all electrical devices.

3. Turn the 3-in-1 switch to OFF (2):
A. Fuel system is switched off.
B. Ignition circuit is switched off.
C. Start-up battery supply is turned off.



NOTICE: If the machine has not been used for a long time, ensure the 3-in-1 switch is turned to the OFF position to prevent battery damage due to discharging over time.

AC Connection:

WARNING: Be sure all electrical devices are turned off before plugging them in.

CAUTION: Ensure the wires and plugs of the electrical devices are in good condition before connecting them to the generator. Confirm the full load is within the rated load of the generator.
Ensure the load current is within the rated current range of the sockets.

TIPS: Ensure the generator is grounded. If grounding is required for the electrical devices, the generator must also be grounded.

1. Start the engine.
2. Turn the ECON switch to "ON."
3. Plug the devices into the AC outlet.
4. Check that the AC indicator is on.
5. Turn on the electrical devices.

OPERATION

TIPS: Before increasing the engine speed, turn the ECON switch to OFF.

When the generator starts, the overload indicator (red light) will illuminate. Under normal conditions, it will go out within 5 seconds. If the overload indicator (red light) remains on, consult your generator dealer.

If more than one electrical device is connected to the generator, turn on the devices in descending order according to their required load (from largest to smallest).

When the generator is overloaded or there is a short circuit in the connected devices, the overload indicator (red light) will illuminate. After about 5 seconds, the AC indicator (green light) will go out, and there will be no output from the generator. Stop and check the generator to determine if the issue is caused by a short circuit or overload of the connected devices. Resolve the problem and restart the generator.

Battery Charging:

TIPS:

- The rated DC voltage is 12V.
- Ensure the DC protector is turned on before charging the battery.
- Start the engine.
- Connect the red battery charger lead to the positive (+) terminal.
- Connect the black battery charger lead to the negative (-) terminal.
- Turn the ECON switch to OFF and begin battery charging.

NOTICE:

Ensure that the ECON switch is set to OFF when charging the battery.
Connect the red battery charger lead to the positive terminal (+) and the black battery charger lead to the negative terminal (-).
Make sure the charger leads and battery terminals are securely connected to prevent loosening due to vibration or other conditions.
Follow the steps in the user manual for correct operation.

OPERATION

During battery charging, if the current exceeds the rated current, the DC protector will stop the output. Press the DC protector to ON to restart charging. If the DC protector turns off again, stop charging immediately and contact an authorised engineer.

TIPS:

- The following instructions in the user manual indicate that battery charging is complete:

- Measure the specific gravity of the electrolyte to check if the battery is fully charged. When fully charged, the specific gravity of the electrolyte should be between 1.26sg and 1.28sg

- It is recommended to check the specific gravity of the electrolyte at least once per hour to prevent overcharging.

WARNING:

- During the charging process, do not smoke or connect/disconnect the battery. Sparks can ignite gases around the battery.

- The battery electrolyte contains poisonous sulphuric acid, which can cause burns. Avoid direct contact with skin, eyes, and clothing.

Emergency Treatment Methods:

External Contact: Flush with plenty of water.

Accidental Ingestion: Drink plenty of water or milk; take milk containing magnesium oxide, raw egg, or vegetable oil, and seek urgent medical attention.

Accidental Contact with Eyes: Rinse with water for 15 minutes and seek immediate medical attention.

Batteries can produce explosive gases. Keep away from sparks, flames, cigarettes, etc. When charging or using the battery in a confined space, ensure proper ventilation. Close your eyes as much as possible when working near the battery. Keep the battery out of the reach of children.

OPERATION

AC Parallel Operation:

Before connecting electrical devices to the generator, ensure the generator is in good working condition, and the load of the electrical devices does not exceed the rated power of the generator.

1. Connect two generators in parallel using a special cable kit.
2. Start the engines in sequence and ensure the AC indicators (green light) of both generators are on.
3. Plug the devices into the AC sockets.
4. Turn on the electrical devices.

TIPS:

- Ensure all electrical devices, including wires and plugs, are in good condition.
- If a device functions abnormally, becomes sluggish, or stops suddenly, turn off the power immediately. Disconnect the device and check if the rated load capacity of the device or generator has been exceeded.
- Ensure the overall load of all devices does not exceed the combined capacity of the paralleled generators. Do not exceed the maximum power limit, which should be used for no more than 30 minutes.
- Parallel operation is not permitted between generators of different models.

- When the generators are running, do not connect or disconnect the parallel running cable.
- For single generator operation, disconnect the parallel operation cable.

WARNING:

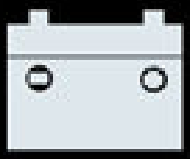
The overload indicator (red) may stay on during long-term overloaded operation, which can damage the generator. The overload indicator (red) may flash under slight overload, which can shorten the service life of the generator.

Limit operation at maximum power to within 10 minutes. Continuous operation should not exceed the rated power. Rated power for parallel operation: 6.3 / 6kW

OPERATION

Application Range:

Before using the generator, ensure that the total load is within the generator's rated capacity. Exceeding this limit may cause damage to the generator.

AC				
Power Factor	1	0.8-0.95	0.4-0.75 (Effidency 0.85)	
GP3800iE	~3500W	~2800W	~1400W	Rated voltage 12V Rated current 8A

TIPS: "–" indicates no more than.

Each device has its own operational parameters.
AC and DC can be used simultaneously, but the total power must not exceed the rated output.

For Example:

Rated output of generator		3500VA
Utilization ratio	power factor	
AC	1.0	~3500W
	0.8	~2800W
DC	—	96W(12V/8A)

When the total power exceeds the rated output, the overload indicator will activate.

CAUTION:

Do not overload. The total power of electrical devices must not exceed the generator's rated output, as overloading can damage the generator.

When using this generator to power precision instruments, electronic controllers, personal computers, microcomputers, etc., maintain a sufficient distance to prevent electrical interference from the engine. Ensure that the engine is also free from interference from other electronic devices nearby.

OPERATION

If the generator will supply power to medical equipment, consult the manufacturer, a medical professional, or a hospital for advice beforehand.

The generator may not operate some electronic equipment or general motors that require high current during start-up, even if they fall within the specified supply ranges. Consult the equipment manufacturer for further guidance.

SERVICING AND MAINTENANCE

Maintenance Schedule:

Safety is the owner's responsibility. Regular inspection, adjustment, and lubrication will keep your generator operating safely and efficiently. Key points for generator inspection and lubrication are detailed in the following pages.

WARNING: If you are not familiar with maintenance tasks, have an authorized dealer perform them for you.

WARNING: Always stop the engine before performing maintenance.
Use only our specified genuine parts for replacements. Consult an authorized dealer for further assistance.

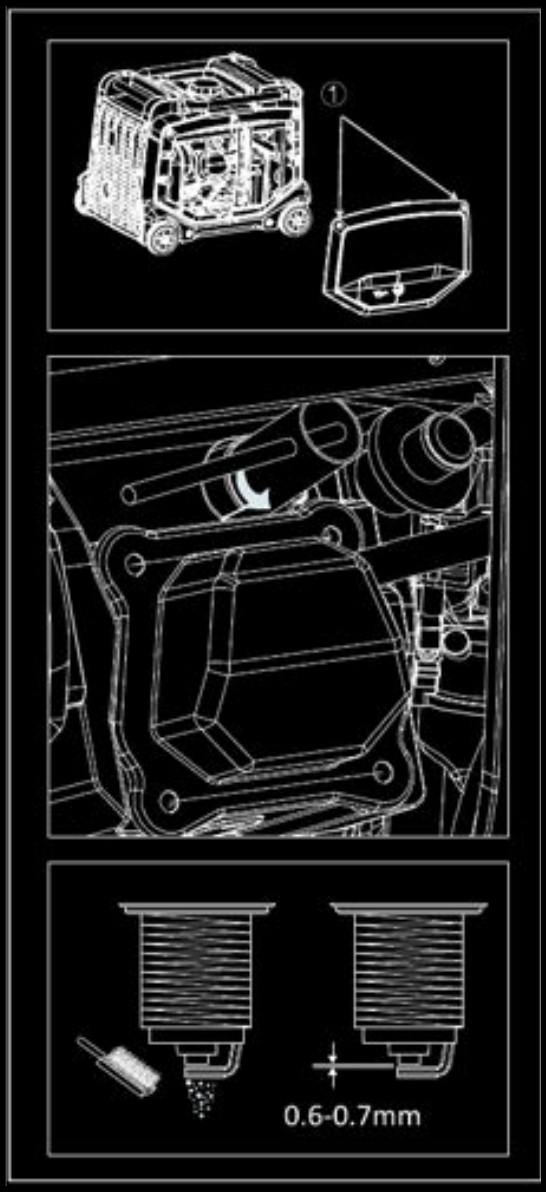
SERVICING AND MAINTENANCE

Item	Routine Inspection	Pre-operational inspection / day	Every 6 months / 100 hours	Every 12 months / 300 hours
Spark Plug	Check the condition and clean or replace if necessary		○	
Fuel	Check the fuel level for leakage	○		
Oil pipe	Check oil pipe for cracks or damage. Replace if necessary.	○		
Oil	Check oil level	○		
	Replace		○ (1)	
Air Filter	Check the condition and clean		○ (2)	
Muffler cover	Check the condition and clean or replace if necessary		○	
Spark collector	Check the condition and clean or replace if necessary		○	
Fuel filter	Clean or replace if necessary			○
Crankcase breather pipe	Check for cracks or damages and replace if necessary			○
Cylinder head	Clean up carbon deposits (if necessary, repeat the operation)			★
Valve clearance	After engine cooling (check and adjust)			★
Assembly / holder	Check all assemblies / fixings and adjust if necessary			★
Problems found during use		○		

(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.
★ These items shall be maintained by our authorized dealers.

SERVICING AND MAINTENANCE

Spark Plug Inspection
The spark plug is a crucial engine component and should be checked regularly.



1. Loosen the screws and remove the left cover.

2. Take off the spark plug cap and position the spark plug wrench correctly on the spark plug.

3. Insert the screwdriver into the wrench and turn it anticlockwise to remove the spark plug.

4. Check for discolouration and remove any carbon build-up. The porcelain insulator around the centre electrode of the spark plug should be a medium-to-light tan colour.

5. Verify the spark plug type and the gap:
Standard spark plugs: BPR6ES/BP6ES (NGK), F6RTC/F6TC (TORCH)
Spark plug gap: 0.6-0.7 mm

6. Install the spark plug.

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

7. Reinstall the spark plug cap and cover.

8. Replace the cover.

Carburettor Adjustment:
The carburettor is an important part of the engine. The adjustment should be carried out by dealers with professional knowledge, professional data, and equipment to ensure correct adjustment.

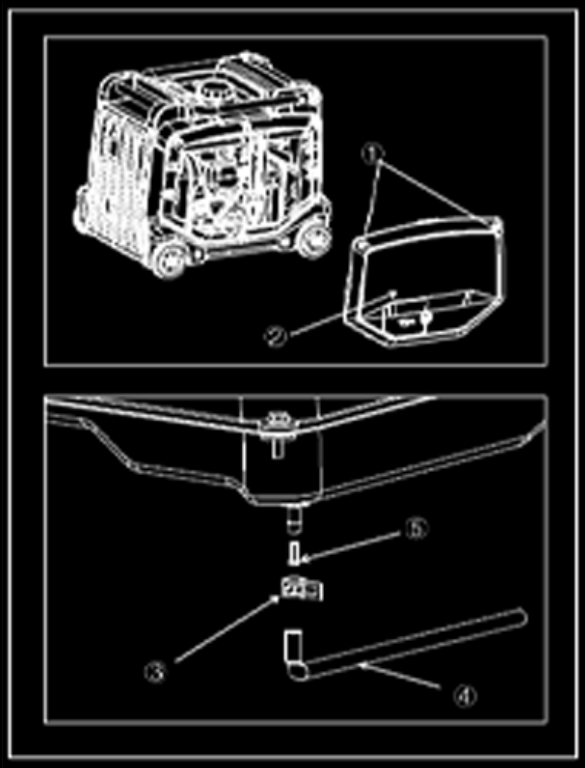
SERVICING AND MAINTENANCE

Clean the Fuel Filter:

1. Loosen the screws (I) and remove the left cover (2).

2. Drain the fuel tank. Hold the clamp (3) and pull it downward to detach the fuel pipe (4) and the fuel filter (5).

3. Install the fuel filter into the outlet nozzle of the fuel tank. Then place the fuel pipe onto the outlet nozzle and secure it with the clamp.

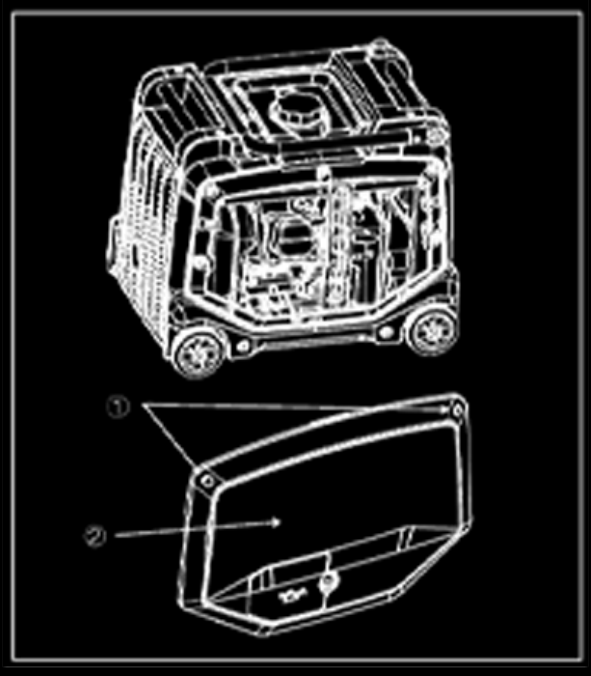


Oil Change:

Avoid draining the engine oil immediately after stopping the engine. The oil is hot and should be handled with care to avoid burns.

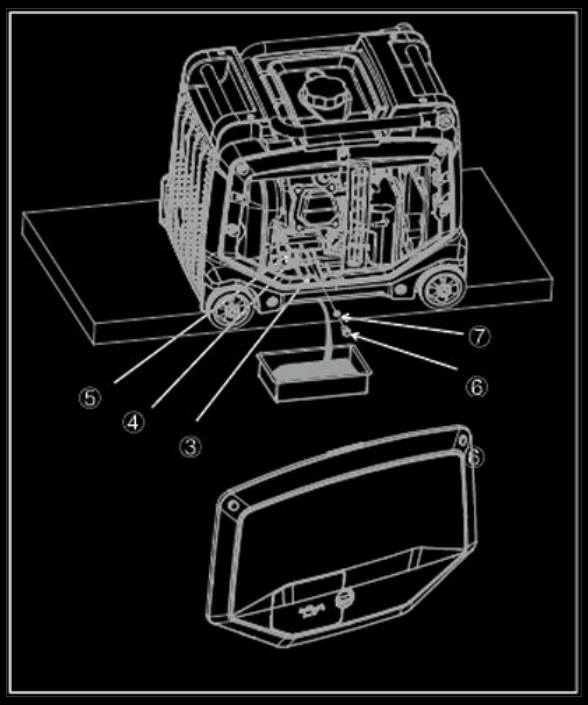
1. Place the generator on a level surface and warm up the engine for several minutes. Then stop the engine.

2. Loosen the screws (I) and remove the left cover (2).



SERVICING AND MAINTENANCE

3. Place the generator on a platform and tilt the machine in the direction of the oil guide groove (3).



4. Remove the oil gauge (4).

5. Position a drain pan under the machine and remove the oil drain plug (6). The oil will be discharged from the oil tank.

6. Check the oil gauge (4), sealing washer (5), oil drain plug (6), and sealing gasket (7). Replace them immediately if damaged.

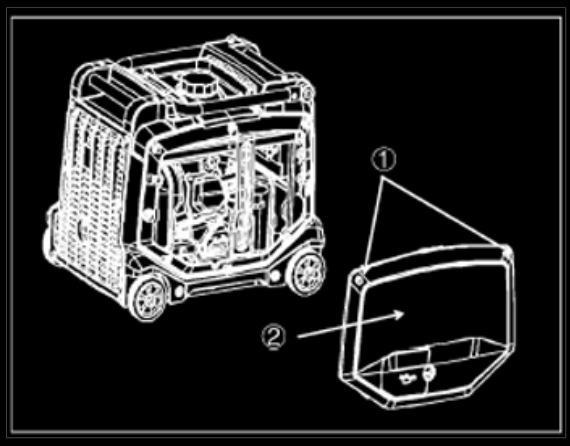
7. Reinstall the oil drain plug and sealing gasket.

8. Refill the oil to the correct level and tighten the oil gauge.

9. Clean the oil guide groove and reassemble the left cover.

WARNING: Do not tilt the generator when adding engine oil. This could result in overfilling and damage to the engine. Ensure that no foreign material enters the crankcase.

Air Filter:



1. Loosen the screws (1) and remove the left cover (2).

2. Remove the air filter cover and sponge filter element (3).

SERVICING AND MAINTENANCE

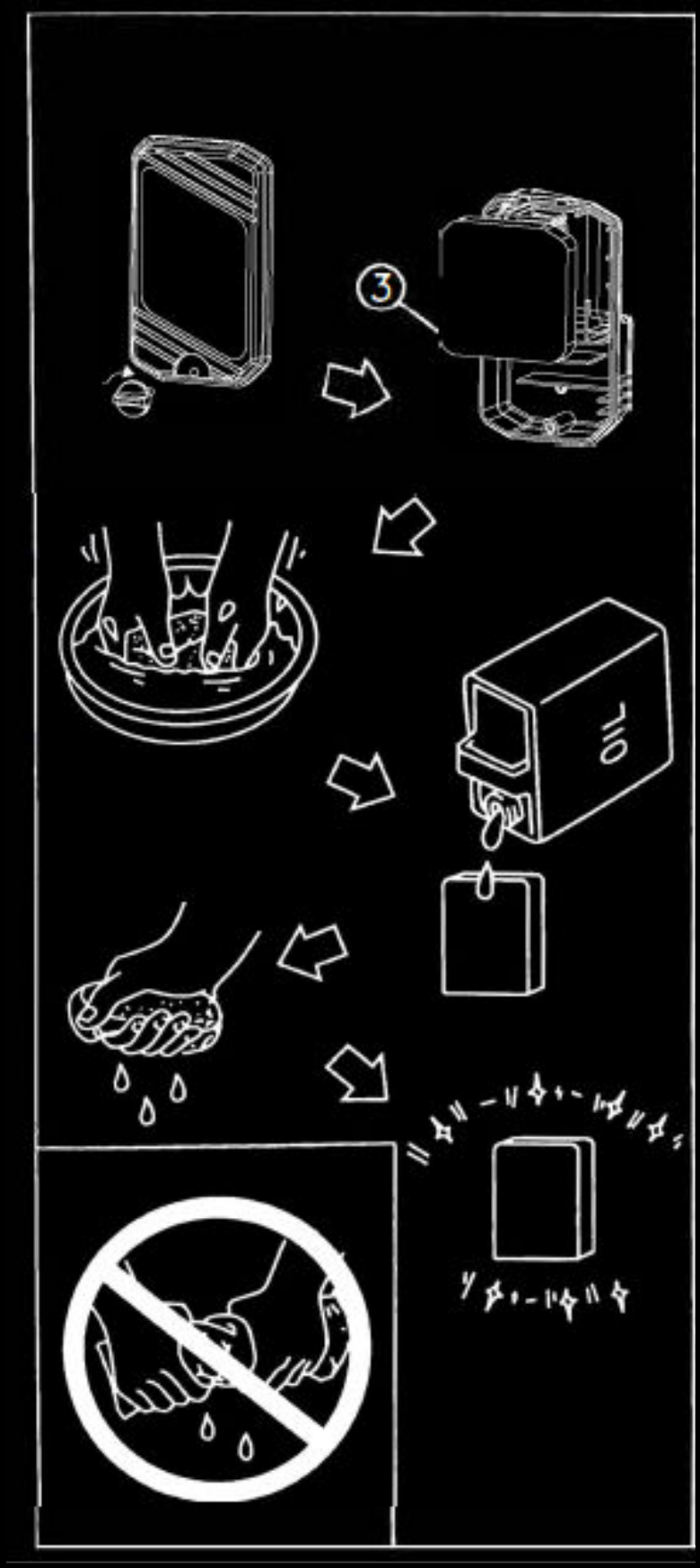
3. Clean the sponge filter element and allow it to dry.

4. Apply oil to the foam element and squeeze out any excess oil. The foam element should be wet but not dripping. Do not twist the sponge filter element to avoid damage.

5. Place the sponge filter element back into the air filter.

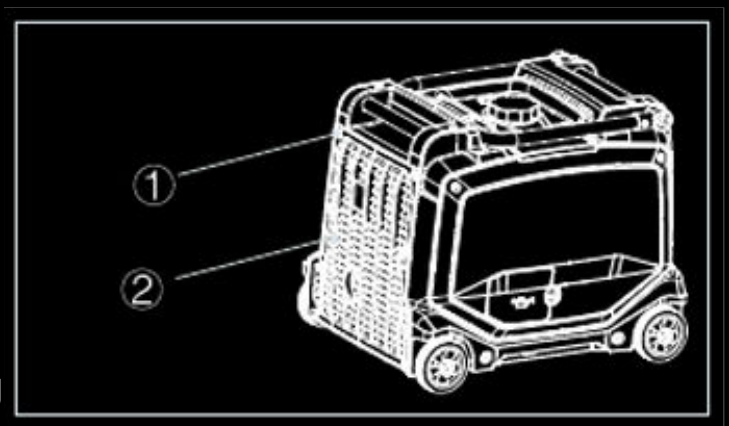
TIPS: Ensure that the foam element sealing surface matches the air filter to prevent air leakage. Do not start the engine without the air filter, as excessive fuel consumption and cylinder wear may result.

6. Reinstall the air filter cover.

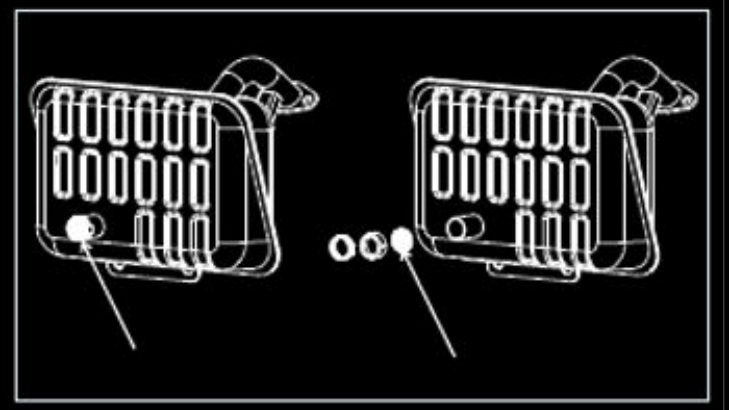


SERVICING AND MAINTENANCE

Muffler/Exhaust Cover:

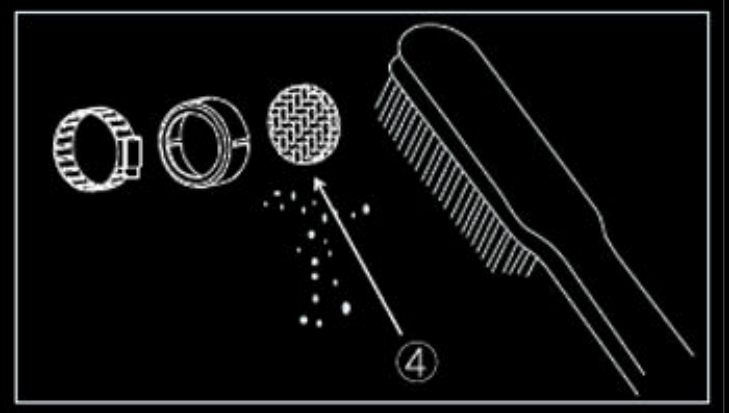


WARNING: The engine and muffler will be very hot after the engine has been run. Avoid touching the engine and muffler while they are still hot with any part of your body or clothing during inspection or repair.



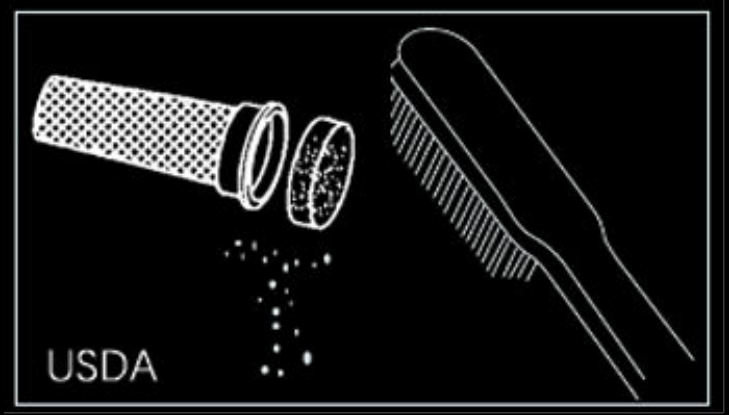
1. Remove the six screws (1) and the louver (2).

2. Remove the muffler cover (3) and the spark arrester (4).



3. Brush off the carbon deposits on the muffler cover with a wire brush.

4. Inspect the muffler cover and replace it immediately if damaged.

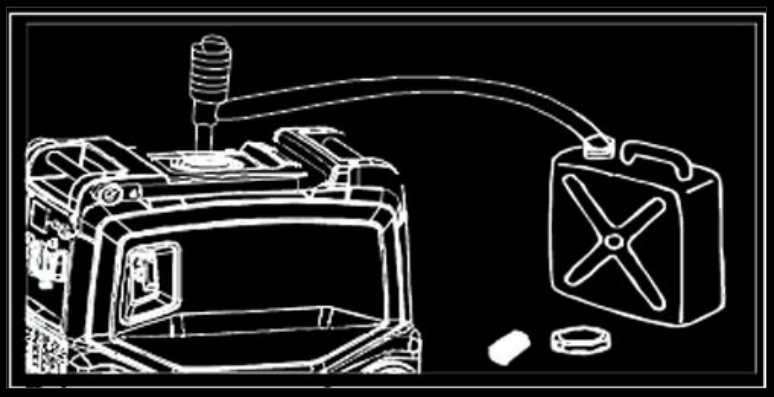


5. Reinstall the spark arrester.

SERVICING AND MAINTENANCE

Storage:

Long-term storage of your machine will require some preventive procedures to guard against deterioration.



Drain the Fuel:

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

2. Remove the fuel tank cap and filter. Drain the fuel from the fuel tank into an approved petrol container using a commercially available hand siphon. Then, reinstall the fuel tank cap.

3. Fuel is highly flammable and poisonous. Check the "IMPORTANT SAFETY INFORMATION" carefully and wipe up any spilled fuel with a clean, cloth immediately to prevent damage to the plastic cover.

4. Start the engine. It will stop after the fuel is used up.

TIPS:
- Do not connect any electrical devices.
- The running time of the engine depends on the capacity of the remaining fuel in the tank.

5. Loosen the oil drain bolt on the carburettor and drain the fuel from the carburettor into a container.

6. Ensure that the 3-in-1 switch is turned to OFF.

7. Tighten the oil drain plug.

SERVICING AND MAINTENANCE

Please follow the steps below to protect the crankcase, piston rings, and other parts susceptible to corrosion:

1. Remove the spark plug, add a spoonful of SAE 10W30 lubricating oil, and reinstall the spark plug.

2. Pull the recoil starter (with the 3-in-1 switch in the OFF position) for a few minutes to lubricate the cylinder.

3. Pull the recoil starter until resistance is felt (to prevent rust on the cylinder block and valve).

4. Stop pulling the recoil starter.

5. Clean the outside of the engine and spray it with an anti-rust agent.

6. Place the generator in a ventilated and dry area. Place under waterproof cover.

7. Ensure the generator is positioned on a stable flat surface.

TROUBLESHOOTING

Engine Won't Start

1. Fuel System:

- No fuel supplied to the combustion chamber: Check the fuel supply to ensure it is flowing properly.
- No fuel in the tank: Fill the fuel tank with the appropriate fuel.
- Bad fuel in the tank: Drain the old fuel and replace it with fresh fuel.
- Clogged fuel filter: Clean or replace the fuel filter.
- Clogged carburettor: Clean the carburettor to ensure proper fuel flow.

2. Engine Oil System:

- Engine oil is low: Add the recommended engine oil to bring the level to the appropriate mark.

3. Electrical System:

- Spark plug dirty with carbon or wet: Clean the spark plug and wipe it dry.
- Faulty ignition system: Contact our company or an authorised engineer for further inspection.

Generator Will Not Produce Power:

- AC pilot light goes out: Stop the engine, then restart it to reset the system.

TECHNICAL SPECIFICATION

GP3800iE

KEY FEATURES

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

ELECTRIC/REMOTE START
Effortlessly start your generator from a distance, adding convenience and ease of use.

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	GP3800iE
Maximum Watts	3800w
Running Watts	3500w
Fuel Type	Petrol
Weight (kg)	43kg
Fuel Tank Capacity (litres)	11L
Oil Capacity (litres)	0.6L
Starting System	Recoil/Electric/ Wireless Remote
Frequency	50Hz
Dimensions (mm)	605*475*520mm

†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.

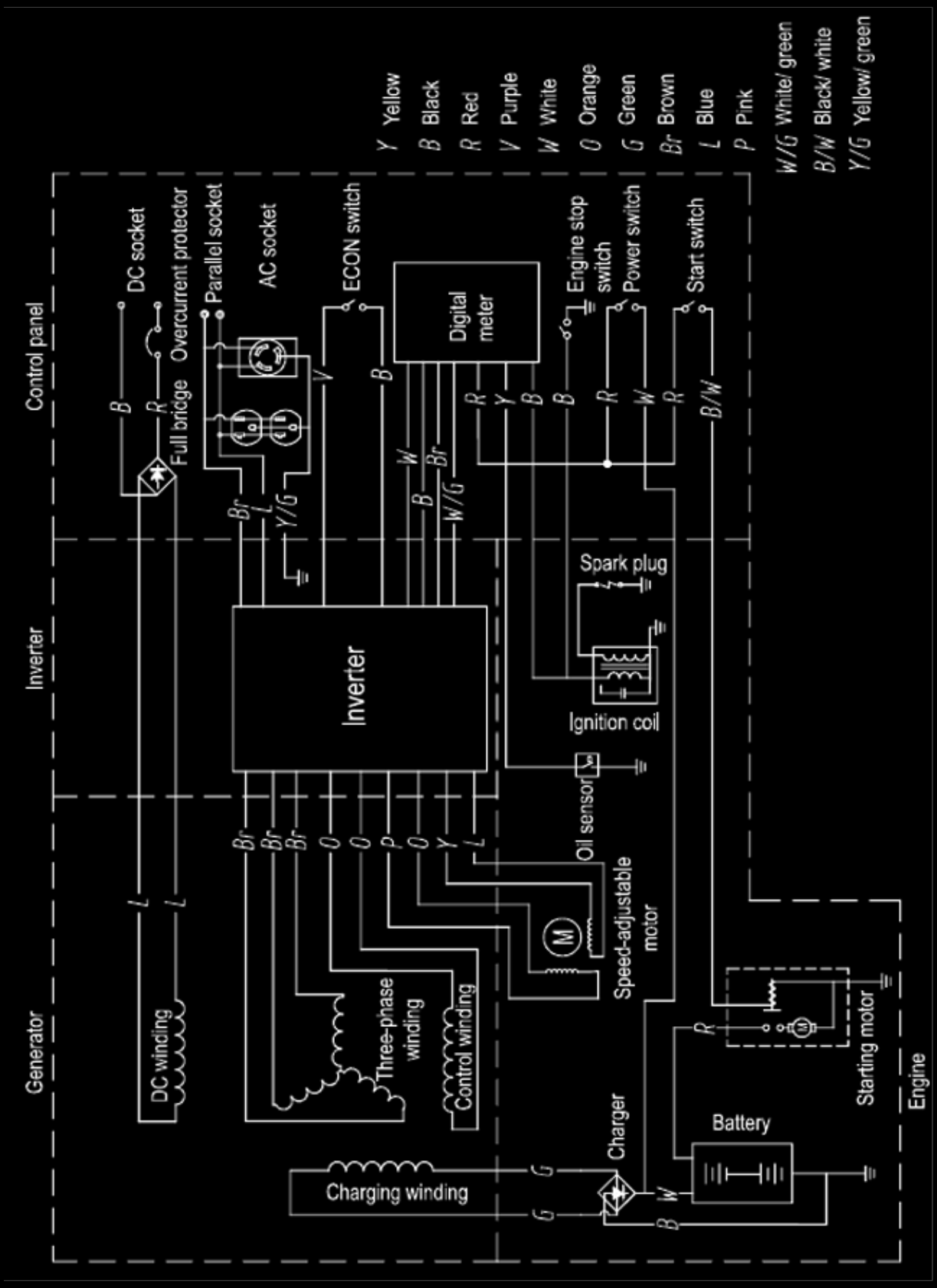
GROUND TERMINAL
Provides a secure earth connection for improved safety and compliance with regulations.

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

equip2clean®
A proud subsidiary of equipmart

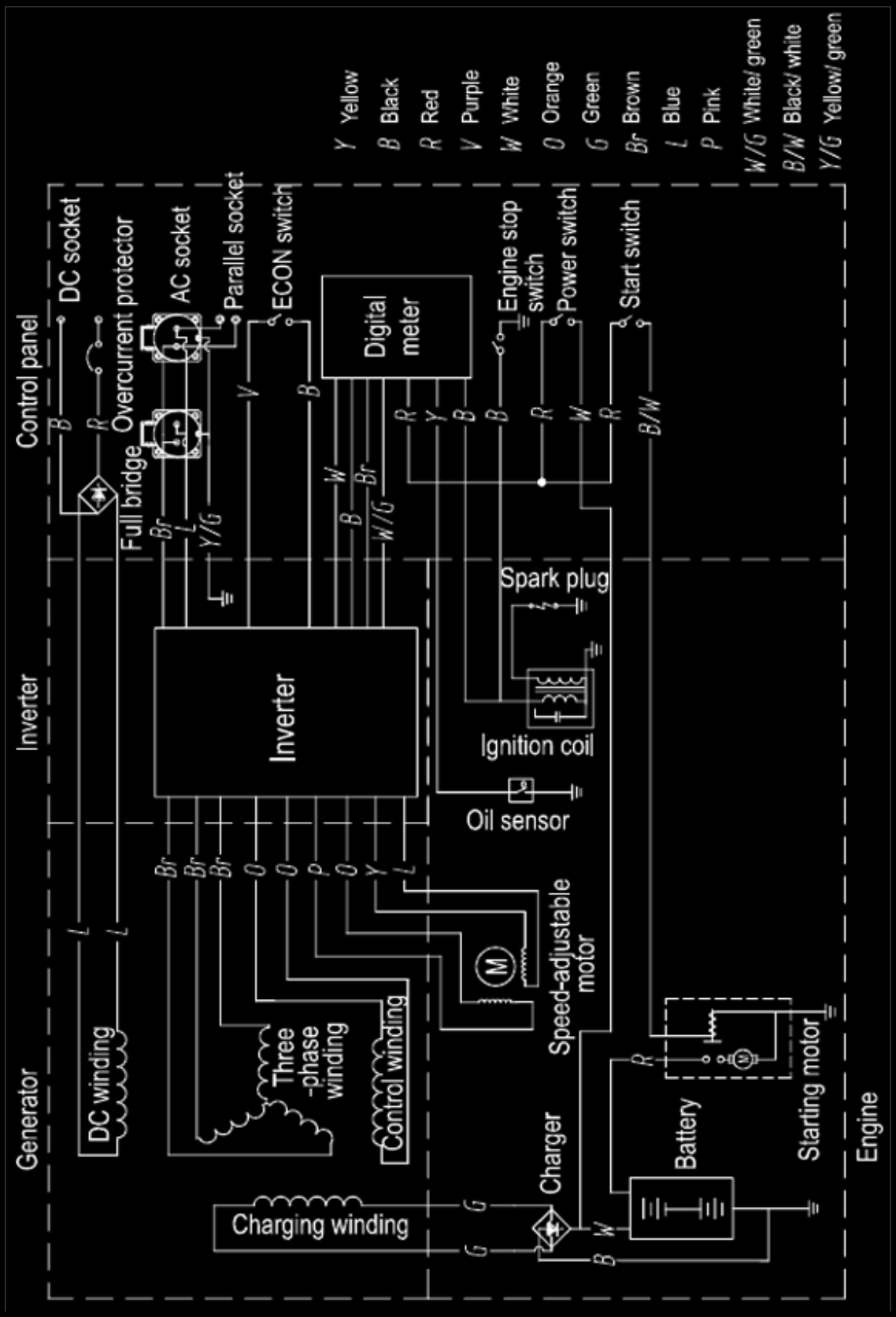
WIRING DIAGRAM

120V



WIRING DIAGRAM

230V



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 GP3800iE 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