

Clarke®

POWER



WARNING: Do not use the generator without reading this manual

3500W INVERTER GENERATOR

MODEL NO: IG3700

PART NO: 8877138

OPERATION & MAINTENANCE INSTRUCTIONS

UK
CA | CE



ORIGINAL INSTRUCTIONS

DL0625

INTRODUCTION

Before you use this product, read this manual and follow the instructions carefully. In doing so you will ensure the safety of yourself and others around you, and you can also expect your purchase to give you a long and satisfactory service.

GUARANTEE

This product is guaranteed against faulty manufacture for a period of 12 months from the date of purchase. Please keep your receipt which will be required as proof of purchase.

This guarantee is invalid if the product is tampered with in any way, or not used for the purpose for which it was intended.

Faulty goods should be returned to their place of purchase, no product can be returned to us without prior permission. This guarantee does not effect your statutory rights.

ENVIRONMENTAL RECYCLING POLICY



Through purchase of this product, the customer is taking on the obligation to deal with the WEEE in accordance with the WEEE regulations in relation to the treatment, recycling & recovery and environmentally sound disposal of the WEEE.

In effect, this means that this product must not be disposed of with general household waste. It must be disposed of according to the laws governing Waste Electrical and Electronic Equipment (WEEE) at a recognised disposal facility.

If disposing of this product or any damaged components, do not dispose of with general waste. This product contains valuable raw materials. Metal products should be taken to your local civic amenity site for recycling of metal products.

PRODUCT DISPOSAL

DO NOT dispose of used generator or parts with your household waste. This product contains electrical or electronic components that should be recycled under the WEEE regulations. Please take this product to your local recycling facility for responsible disposal to minimise its environmental impact.

DO NOT dispose of used oil or fuel in general waste or down a drain. Please see local authority recycling for more information.

SPECIFICATIONS

Engine Model	LY165F
Type/Displacement	Petrol/149.3 cc
RPM	4600
Ignition/Start types	Magneto/Pull Start, Recoil
Fuel tank capacity (Safe Fuel Level)	8 L
Fuel Consumption at 3/4 Load	1.45 L/h
Maximum run time at 3/4 load	Approx. 5.5 h
Engine oil capacity/type	0.45 L/SAE10W-30
Emissions (g/kWh) CO, HC, NOx	370.4, 6.73, 2.29
Sound pressure level	73.61 dB LpA
Sound power level	93.38 dB LwA
Guaranteed sound power level	96 dB LwA
Uncertainty Factor K	1.5 dB
Rated Running Output Power	3.2 kW
Max. Rated Output Power	3.5 kW
Rated Output Current	13.9 A
Trip Amps (AC): Cut Off Immediately	16.7-17 A
Trip Amps (DC): Cut Off Immediately	8-10 A
Output Type	Sine Wave
Operating Temperatures	-5°C to 40°C
IP Rating	IP23M
Depth x Width x Height	508 x 310 x 490 mm
Unpacked & Unfueled Weight	23.4 kg

GENERAL SAFETY RULES



WARNING: EXHAUST FUMES CAN BE EXTREMELY DANGEROUS IF INHALED

WORK AREA

1. **ALWAYS** use in a well ventilated area.
2. **ALWAYS** position the exhaust outlet away from people.
3. Read these safety instructions before using the equipment.
4. Keep children away from the generator.

POSITIONING THE GENERATOR

1. Keep the generator at least 1 m (3 ft.) from buildings or other equipment, or the engine may overheat.
2. Place the generator on a solid, flat surface.
3. Make sure the surrounding area is free from any material that could burn or be damaged by heat.
4. **NEVER** move or tilt the generator whilst it is switched on.

FIRE PREVENTION

1. **ALWAYS** switch the engine OFF when refuelling.
2. **ALWAYS** refuel in a well ventilated area.
3. **NEVER** overfill the fuel tank, only fill to the level specified.
4. **NEVER** smoke whilst refuelling and avoid smoking or using a naked flame near the generator.
5. **NEVER** start the engine if there is spilled fuel. Any spillage must be wiped clean and the generator allowed to dry before attempting to start the engine.

PREVENTION OF ELECTRIC SHOCK

1. **NEVER** use the generator in the rain or wet conditions unless it is well protected/ under cover. Under these conditions, adequate ventilation **MUST** be provided.
2. **NEVER** operate the generator with wet hands.
3. **NEVER** use water or any other liquids to clean the generator.










4. Make sure you ground (earth) the generator (See pages 8-9).

ADDITIONAL SAFETY RULES FOR GENERATORS

1. **ALWAYS** make sure the applied load does not exceed the generator rating. Overloading the generator is dangerous and could cause serious damage.
2. **ALWAYS** disconnect the generator when carrying out any maintenance.
3. **ALWAYS** allow the generator to reach operating speed before connecting a load.
4. **NEVER** allow the generator to run out of fuel when a load is connected.
5. **NEVER** transport the generator with fuel in the tank.
6. **NEVER** connect the generator to a commercial or residential power supply; e.g. ring main.
7. **NEVER** allow the generator air vents to become blocked.
8. **NEVER** directly cover the generator while in use.

SYMBOLS

The following safety symbols are shown on the product or it's packaging. Please read all of the safety and operating instructions carefully before using this product.

	Read instruction manual before use.		Hot surface - DO NOT TOUCH
	Dangerous Voltage - Risk of Electrocution.		Poisonous fumes - DO NOT use the generator in an enclosed space.
	Flammable. DO NOT refuel when operating.		Caution - The user should be aware of a general hazard.
	DO NOT directly cover the generator while in use		Earth Connection Point
	Caution - high noise level when in use		

GENERATOR OVERVIEW



NO	DESCRIPTION	NO	DESCRIPTION
1	Control/Outlet Panel	5	Muffler/Exhaust
2	Fuel Cap/Vacuum Relief Valve	6	Fuel Switch
3	Spark Plug Cover	7	Recoil Starter
4	Maintenance Panel		

GENERATOR OVERVIEW CONTROLS & OUTLETS



NO	DESCRIPTION	NO	DESCRIPTION
1	Oil Alarm, Overload & Output Indicator Lights	5	1 x 12V 5A DC Socket
2	Economy Control Switch	6	1 x 3 Pin 13A 230V AC Outlets
3	2 x 5V 2.1A AC USB Sockets	7	1 x 3 Pin 13A 230V AC Outlets
4	DC Breaker Switch	8	Earth Connection Point

UNPACKING AND ASSEMBLY

Unpack your generator and check the following items are present. Should there be any missing or damaged during transit contact your CLARKE dealer.

1 x 3500 Watt Inverter Generator	1 x 12 Volt Crocodile Clip Lead Assembly
1 x Spark Plug Box Spanner with Lever	1 x Oil Funnel

BEFORE USING THE GENERATOR

IMPORTANT: Generators should ALWAYS be earthed. Make sure you earth the generator.

Before using your generator check that:

- The generator is in good condition and free from any damage.
- The generator is clean and free from fuel or oil spillage.
- The generator is correctly located for use (see page 4).
- There is no fuel leakage.

NOTE: To avoid accidental spillage of fuel, use a funnel to fill the fuel tank. If fuel is spilled it must be removed from the unit before attempting to start the engine.

EARTHING



WARNING: IT IS ADVISABLE TO PROPERLY EARTH YOUR GENERATOR BEFORE STARTING, USING A WIRE AND A SMALL METAL EARTH SPIKE. THE WIRE AND EARTH SPIKE ARE NOT SUPPLIED WITH THIS UNIT.

An earth rod and cable can be purchased at your local camping or electrical supplier, or alternatively an earth rod can be made, and it is suggested you get advice from a qualified electrician.

The cable used should be insulated and a maximum length of 1 metre and a minimum of 1.0mm² to carry a 13amp load.

Attach the cable to the generator at the earthing point (shown on the right).

Connect the other end of the cable to a steel or copper earth rod, making sure you connect it in accordance with the installation instructions supplied with the rod.

When pushing the rod into the ground the generator must not be running and it is suggested that the rod is pushed into the ground by at least 100 mm.

Earthing of generators is covered in BS7430:2011. If you have any doubts about this subject consult a qualified electrician.

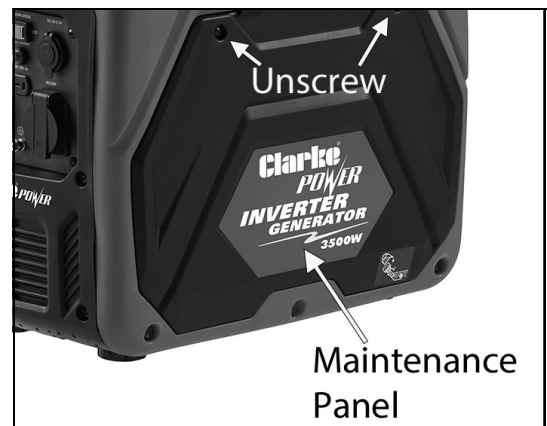


CHECKING & ADDING ENGINE OIL

1. Place the generator on a level surface and check the oil level as follows.

NOTE: The oil reservoir capacity is 450mm.

2. Unscrew the 2 fixing screws on the top corners and remove the maintenance panel shown on the right.

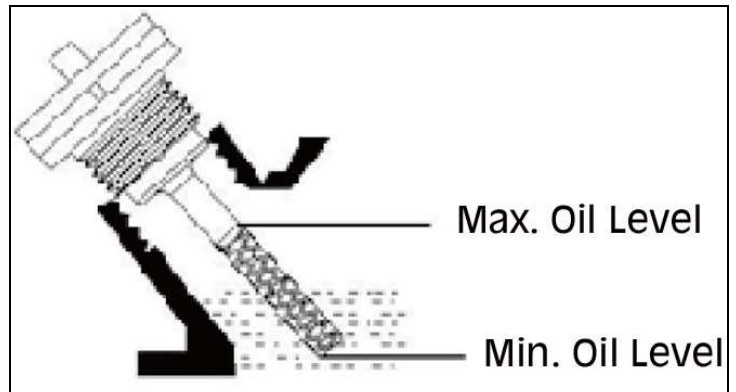


3. Turn the oil filler cap anti-clockwise and remove from the oil reservoir, wipe the dipstick with a clean cloth.
4. Insert the dipstick back into the oil filler tube and then remove it again.



5. If the oil is below the Min. level on the dipstick, top up the oil reservoir with fresh oil using the oil funnel.

- **DO NOT** fill above the max level mark.
- We recommend the use of SAE10W/30 oil in this generator. (CLARKE part number 3050852)



- **DO NOT** tilt the generator when adding engine oil. This could result in overfilling and damage to the engine.

6. Replace the oil filler cap.
7. Replace the oil cap panel.

CHECKING & ADDING FUEL



WARNING: MAKE SURE THERE IS FUEL IN THE TANK WHEN USING THE GENERATOR. RUNNING OUT OF FUEL OR STOPPING THE ENGINE SUDDENLY WITH A LOAD CONNECTED COULD CAUSE SERIOUS DAMAGE.

WARNING: FUEL IS HIGHLY FLAMMABLE AND POISONOUS.

WARNING: SEE GENERAL SAFETY RULES ON PAGE 4 AND READ THEM CAREFULLY BEFORE REFUELING.

WARNING: DO NOT FILL ABOVE THE TOP OF THE FUEL FILTER OR IT MAY OVERFLOW WHEN THE FUEL HEATS UP AND EXPANDS.

WARNING: WIPE UP ANY SPILLED FUEL IMMEDIATELY.

WARNING: AFTER REFUELING, MAKE SURE THE FUEL FILLER CAP IS TIGHTENED SECURELY.

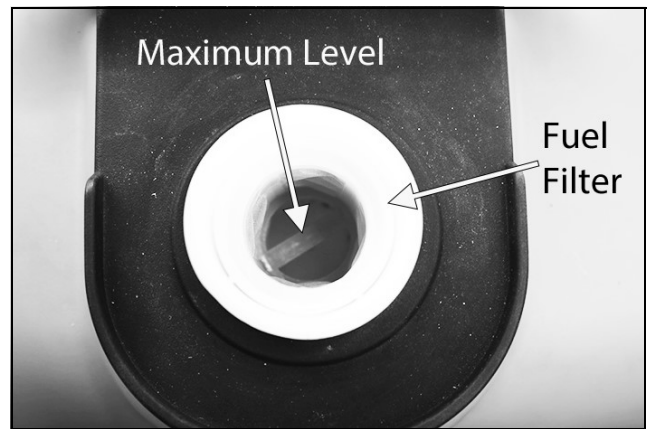
RECOMMENDED FUEL

Your generator has been designed to use regular unleaded petrol with a octane number of 86 or higher.

1. Check the fuel level via the maximum fuel level mark on the fuel filter.

NOTE: The fuel tank capacity is 8 Litres (Safe Fuel Level).

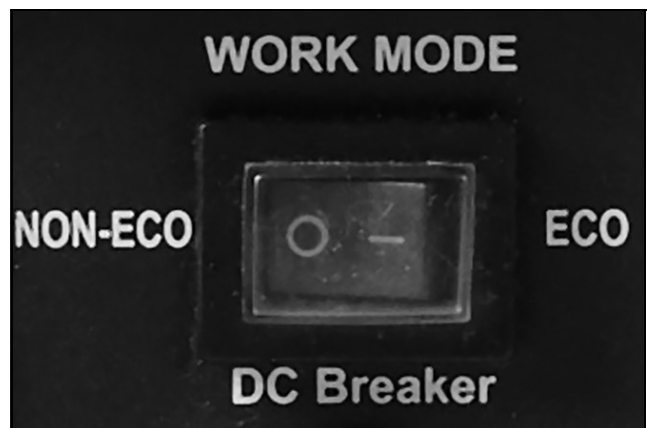
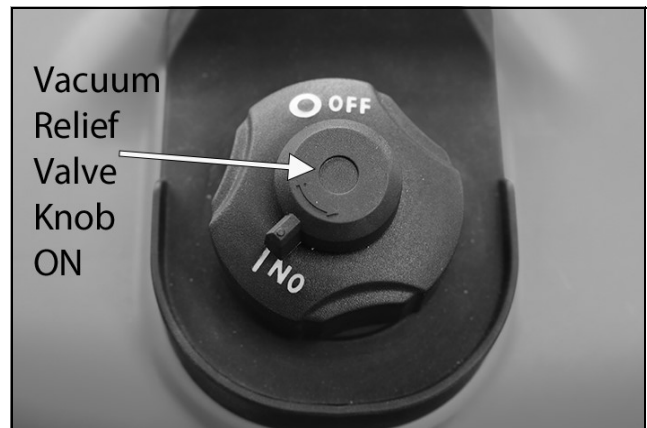
2. Open the fuel filler cap located on top of the generator.
3. Slowly add fuel to the fuel tank.
 - **DO NOT** overfill the fuel tank.
4. Replace the fuel filler cap securely.



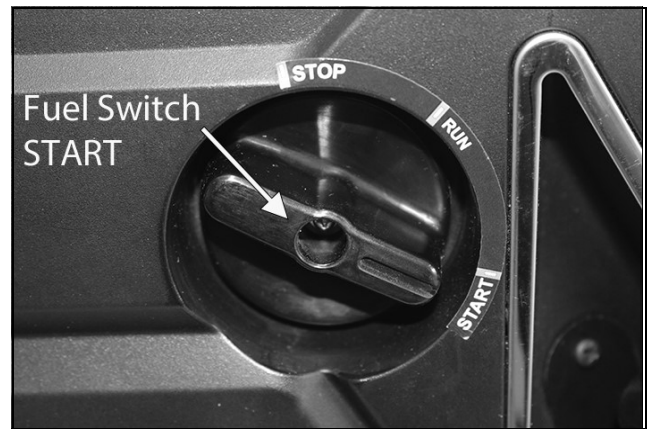
USING YOUR GENERATOR

STARTING THE ENGINE

1. Remove all connections from the AC & DC sockets.
2. Check that the generator is correctly earthed, see pages 8-9
3. Hold the fuel tank cap so that it will not move and turn the fuel tank vacuum relief valve knob to the 'ON' position.
4. Set the Economy Control Switch to the 'O' 'NON-ECO MODE' position.



5. Move the fuel switch to the right, to the 'START' position.



6. Hold the recoil starter handle firmly and pull lightly until you start to feel resistance and then pull up sharply to start the engine.

NOTE: You may have to do this more than once.

NOTE: NEVER let the handle snap back.



7. Once the engine has started, slowly turn the fuel switch to the 'RUN' position.

NOTE: Allow the generator to run for several minutes before attempting to connect any electrical devices. This allows the generator to stabilize its speed and temperature.



NOTE: When you first start the generator, the overload indicator (page 15) may light up for a few seconds, this is normal. If the overload indicator is still lit after 5 seconds, stop the engine and contact your CLARKE dealer or the CLARKE Service Department.

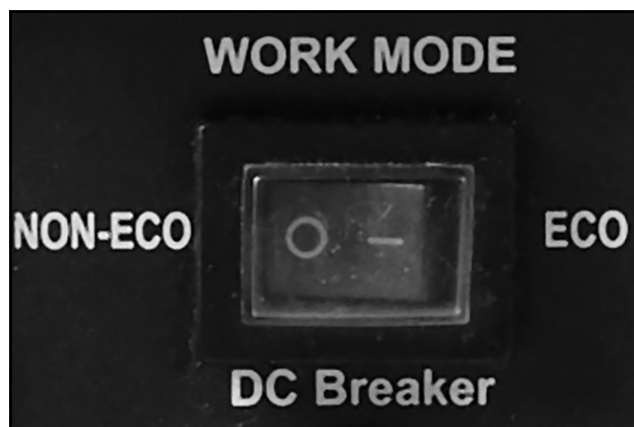
ECONOMY CONTROL SWITCH

ON (ECO MODE):

Recommended to minimize fuel consumption and further reduce noise levels when no load is applied to the generator. Engine speed varies with the load.

OFF (HIGH-SPEED MODE):

The engine will run at the rated speed regardless of whether a load is connected or not. The switch should be in the 'O' 'NON-ECO' position if you are using electrical devices that require a large starting current, such as compressors or water pumps.



CAUTION: THE ECONOMY CONTROL DOES NOT WORK EFFECTIVELY IF THE ELECTRICAL APPLIANCE REQUIRES 'BURSTS' OF POWER.

CAUTION: TURN THE ECONOMY CONTROL FEATURE OFF WHEN CONNECTING HIGH LOAD APPLIANCES OR WHEN CONNECTING TO THE DC OUTPUT.

CONNECTING ELECTRICAL DEVICES

The generator can supply either 5V or 230V AC and 12V DC.

AC POWER

1. Start the engine. See pages 11-12.
2. Make sure the appliance is turned off before connecting it to the generator.
3. Connect the appliance to the generator using one of the two 3 Pin 13A 230V AC outlets or one of the two 5V USB outlets.





CAUTION: MAKE SURE THAT THE APPLIANCE BEING CONNECTED IS IN GOOD WORKING ORDER, IF IT BEGINS TO ACT ABNORMALLY OR STOPS SUDDENLY, DISCONNECT IT FROM THE GENERATOR

CAUTION: MAKE SURE THE APPLIANCE DOES NOT EXCEED THE MAXIMUM RATED LOAD FOR THE GENERATOR.

CAUTION: ANY DEVICE WHICH CONTAINS AN INDUCTIVE LOAD E.G. DEVICES THAT CONTAIN A MOTOR MAY REQUIRE MORE CURRENT ON STARTUP.

DC POWER

1. Set the Economy Control Switch to the 'O' 'NON-ECO MODE' position.
2. Start the generator. See pages 11-12.
3. Make sure the appliance is turned off before connecting it to the generator.



4. Connect the 12V/5A appliance to the generator.

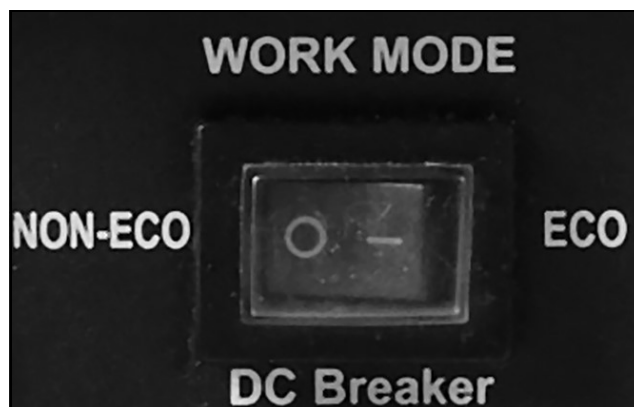
DC POWER (TOPPING UP CAR BATTERIES)



WARNING: FOR YOUR SAFETY PERFORM THE FOLLOWING INSTRUCTIONS IN THE ORDER SHOWN.

WARNING: YOU SHOULD ONLY USE THIS GENERATOR TO 'TOP UP' THE BATTERY AS TRYING TO CHARGE A COMPLETELY FLAT BATTERY MAY CAUSE THE FUSE TO BLOW.

1. Set the Economy Control Switch to the 'O' 'NON-ECO' position.
2. Start the generator. See pages 11-12.
3. Connect the battery charging leads to the battery.
 - Make sure you clamp the red wire to the positive (+) terminal and the black wire to the negative (-) terminal of the battery.



4. Connect the battery charging leads to the generator.
 - The battery will begin to charge
5. Using a voltmeter, monitor the voltage across the battery regularly during charging and disconnect the battery when the voltage reaches 14.4 volts.



CAUTION: WHEN DISCONNECTING THE BATTERY, ALWAYS DISCONNECT THE NEGATIVE LEAD FIRST.

CAUTION: DO NOT ALLOW THE RED AND BLACK CLAMPS TO TOUCH WHILE STILL CONNECTED TO THE GENERATOR.

DC OVER LOAD PROTECTOR

If the overload protector activates (will activate with at least 8-10 amp load), wait for a few minutes and then press the reset switch shown on the right.



INDICATOR LIGHTS

OUTPUT

The output indicator (Green) will remain on during normal operation.

OVERLOAD

The overload indicator (Red) will light up if there is an overload or at least 15.6 amps or a short circuit in the connected appliance.

If this happens, proceed as follows:

1. Turn off any connected electrical devices and stop the generator.
2. Reduce the total wattage of connected electric devices to within the rated output of the generator.
3. Check air inlet and around the control unit. If any blockages are found, remove them.
4. After checking, restart the generator.



OIL ALERT

The oil alert indicator (Red) will light up when the oil level is low.

- To add oil, follow the instructions on page 10.

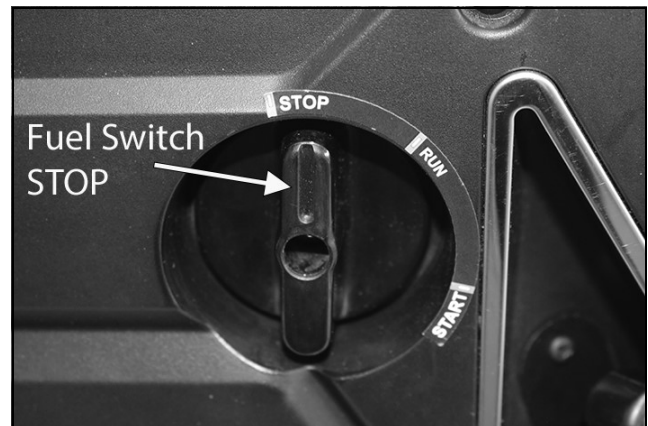
SHUTTING DOWN THE GENERATOR

To stop the generator simply set the engine switch to 'OFF'.

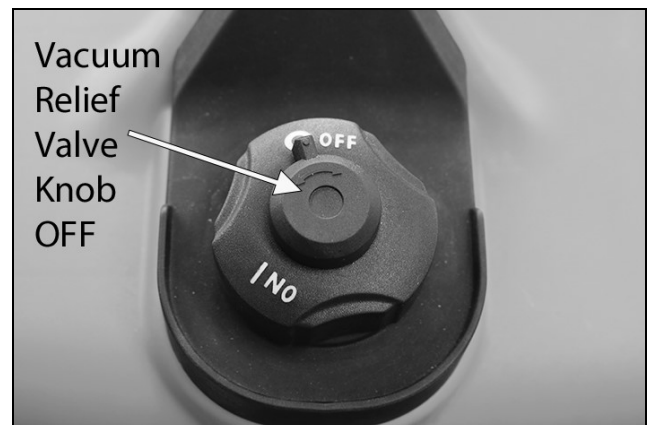
NOTE: Turn off any electric devices.

NOTE: Set the economy control switch to the '0' (OFF) position.

1. Disconnect any electric devices.
2. Turn the fuel switch to the "OFF".



3. Hold the fuel tank cap so that it will not move and turn the fuel tank vacuum relief valve knob to the 'OFF' position.



CAUTION: ALLOW THE GENERATOR TO COOL FOR SEVERAL MINUTES BEFORE TOUCHING AREAS THAT BECOME HOT USING USE.

MAINTENANCE

Some adjustments will need to be made periodically to properly maintain the generator. All service and adjustments should be made at least one time every year. It is important that the maintenance chart below is followed:

Item	Action	Frequency of Use			
		Each Time of Use	Every 3 Months or 50 Hrs	Every 6 Months or 100 Hrs	Every 2 Years or 300 Hrs
Engine Oil (Page 18)	Check Level	*			
	Replace			*	
Air Filter (Page 19)	Check	*			
	Clean		**		
	Replace				*
Spark Plug (Page 20)	Clean - Adjust			****	
	Replace				*
Spark Arrestor	Check - Clean				***
Valve Clearance	Check - Adjust				***
Combustion Chamber	Clean				***
Fuel Tank	Clean				***
Fuel Filter (page 21)	Check - Clean		*		
Fuel Supply Line	Check	Every Two Years (Replace if Necessary***)			

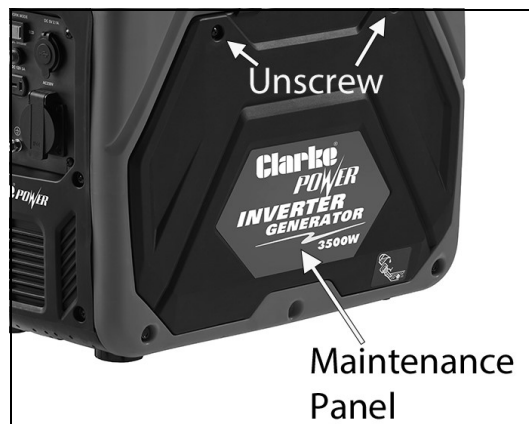
- ** = Recommended to be performed more often than in the schedule if operated in a dusty environment.
- *** = A bi-annual service is recommended to be performed by a CLARKE authorized dealer.
- **** = Adjust air gap to 0.6 - 0.7 mm.

CHANGING ENGINE OIL (EVERY 100 HOURS OF USE)



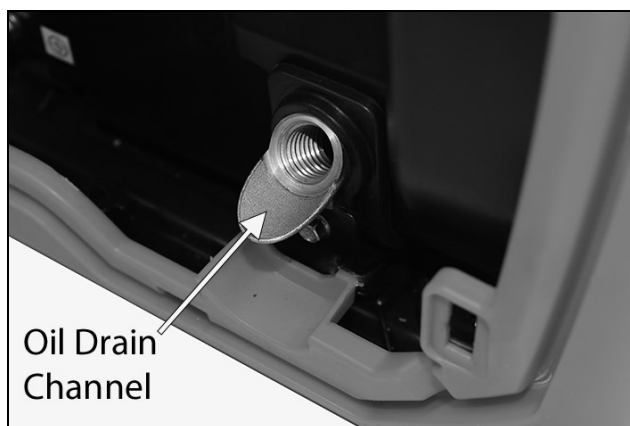
CAUTION: PROLONGED EXPOSURE TO USED ENGINE OIL IS DANGEROUS, ALWAYS WASH YOUR HANDS THOROUGHLY AFTER HANDLING USED ENGINE OIL.

1. Unscrew the 2 fixing screws on the top corners and remove the maintenance panel shown on the right.

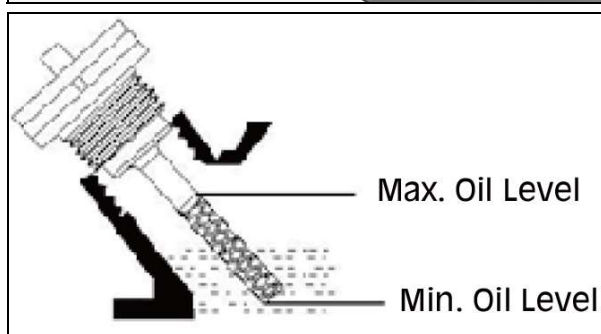


2. Turn the oil filler cap anti-clockwise and remove from the oil tank.
3. Tilt the generator to allow the oil to drain out of the oil reservoir into a suitable container via the drain channel.

NOTE: You may need assistance with this step as the generator is heavy.



4. Fill the oil reservoir with fresh oil.
 - **DO NOT** fill above the max level mark (0.45 litres)
 - We recommend the use of SAE10W/30 oil in this generator. (CLARKE part number 3050852)
5. Replace the oil filler cap and maintenance panel.



ENVIRONMENTAL PROTECTION

One of the most damaging sources of pollution is oil. **DO NOT** throw away used engine oil in with your domestic waste or down drains and sinks. Place it in a leak proof container and dispose of it according to local regulations.

CHANGING AIR FILTER (EVERY 300 HOURS OF USE)

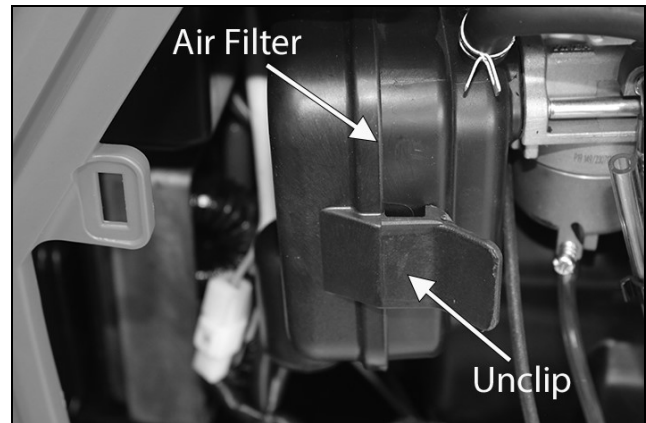


WARNING: DO NOT USE FLAMMABLE SOLVENTS OR PETROL TO CLEAN THE AIR FILTER.

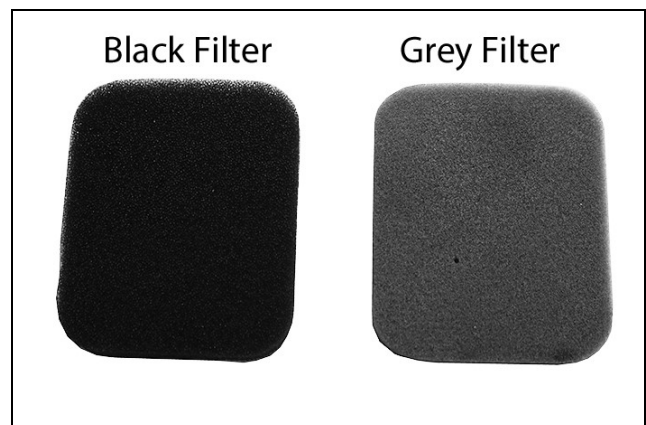
1. Unscrew the 2 fixing screws on the top corners and remove the maintenance panel shown on the right.



2. Unclip the air filter cover, shown on the right.
3. Remove the air filter cover.



4. Remove the air filter elements, the black one from the cover and grey one from the main filter unit.
5. If the air filters are damaged contact the CLARKE spare parts department for a replacement.
 - If the filters are dirty, wash them in a solution of warm water and mild detergent and then rinse thoroughly.
 - Leave the filters to dry completely, once they are dry, immerse the filters in clean engine oil and squeeze the filters to remove excess oil.
6. Replace the filters into their original positions and replace and secure the air filter cover.



CHANGING SPARK PLUG (EVERY 300 HOURS OF USE)

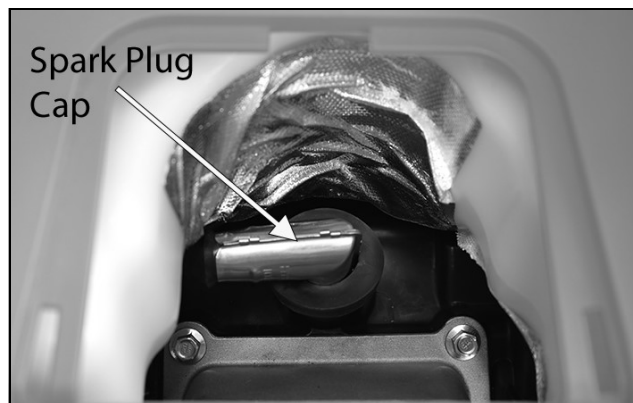


CAUTION: ALLOW THE ENGINE TO COOL BEFORE REMOVING THE SPARK PLUG.

1. Remove the spark plug cover panel located on top of the generator.



2. Remove the spark plug cap from the spark plug.



3. Fit the spark plug box spanner over the spark plug as shown.



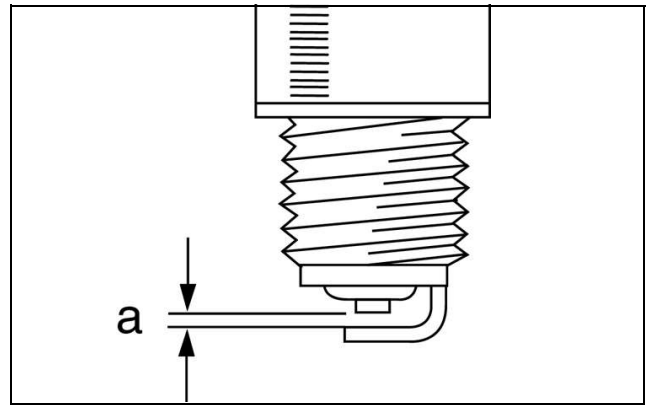
4. When the spark plug has been removed, check for discoloration and use a wire brush to remove any carbon build up.

5. Check the spark plug gap (a) with a feeler gauge, it should be between 0.6 and 0.7 mm.

- Adjust if necessary.

6. Check the overall condition of the spark plug and replace if damaged.

NOTE: The spark plug is a F6RTC.
Spark plugs are available from
CLARKE Spare Parts department
020 8988 7400.

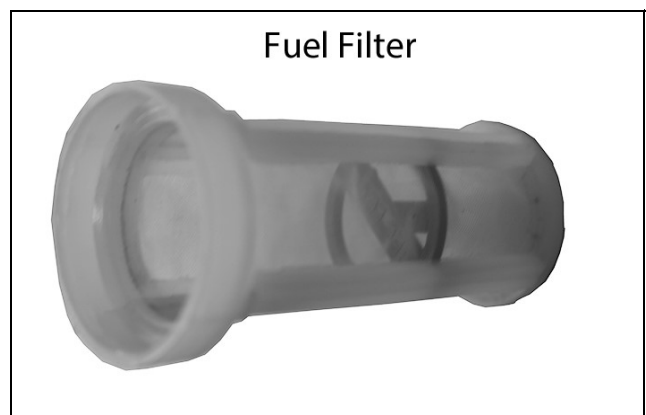
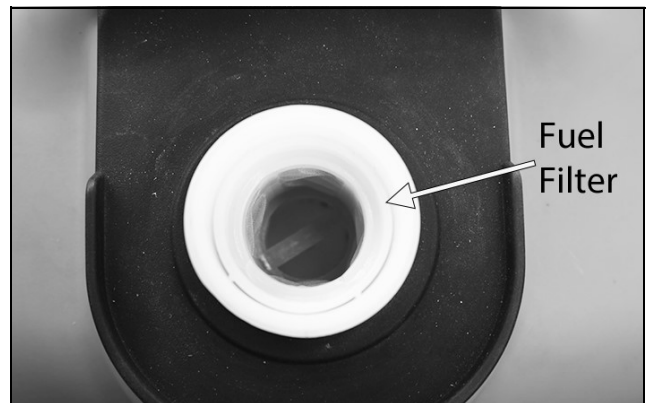


7. Reinstall the spark plug and replace the spark plug cap and top panel.

CLEAN FUEL TANK FILTER (EVERY 50 HOURS OF USE)

Just inside the fuel tank is a fuel filter. Check this filter periodically and remove any contaminants which may have accumulated.

1. Remove the fuel tank cap.
2. Lift out the filter inside.
3. Clean the filter with solvent. If the filter is damaged, contact CLARKE Spare Parts department 020 8988 7400 for a replacement.
4. Replace the filter and fuel tank cap.



CAUTION: ALLOWING PETROL TO SIT IN THE FUEL TANK FOR LONG PERIODS OF TIME CAN MAKE IT DIFFICULT TO START THE GENERATOR IN THE FUTURE. NEVER STORE THE GENERATOR FOR EXTENDED PERIODS OF TIME WITH FUEL IN THE TANK.

MAINTENANCE RECORD

ENGINE OIL (PAGE 18)

AIR FILTER (PAGE 19)

SPARK PLUG (PAGE 20)

FUEL FILTER (PAGE 21)

BI-ANNUAL SERVICE

TRANSPORTING AND STORAGE

Avoid fuel spilling during transporting or temporary storing, both the engine switch and the fuel cap leveler should be turned to the 'OFF' positions.

TRANSPORTING

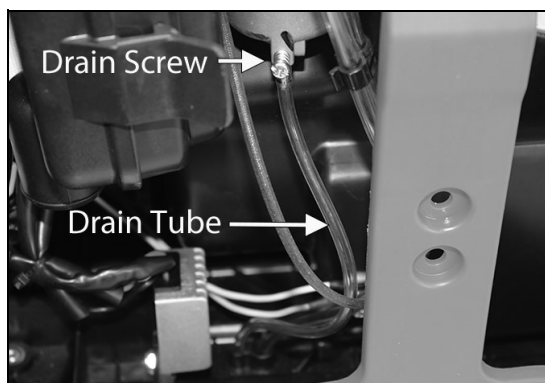
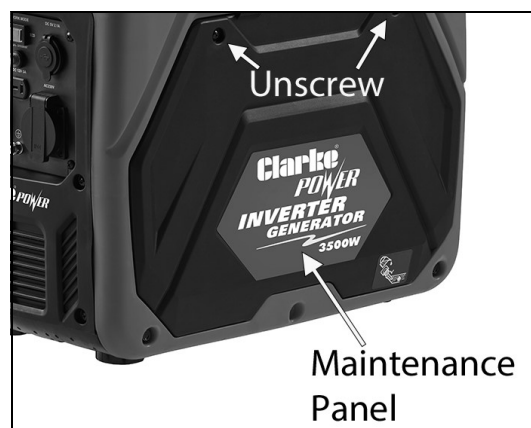
- **DO NOT** overfill the fuel tank. (No residual fuel on the neck of the tank).
- **DO NOT** use the generator on the transport vehicle. The generator should be used under a good ventilated condition.
- **AVOID** exposing the generator to direct sunshine when transporting for long periods. The high temperature inside the vehicle could cause fuel to vaporise, resulting in a possible explosion risk.
- Drain off the fuel when the generator is transported on rough roads.

STORAGE FOR LONG PERIODS

NOTE: Make sure the storage area is without excessive humidity and dust.

DRAIN THE FUEL

1. Drain off the fuel tank using a siphon in the fuel cap and store in a suitable container.
2. Unscrew the 2 fixing screws on the top corners and remove the maintenance panel shown on the right.
3. Lift the generator up and place a suitable fuel container underneath the position of the carburetor drain tube.
4. Turn the engine switch to the 'ON' position, and loosen the carburetor drain screw to discharge any fuel inside of the carburetor.
5. Take off the spark plug cap, pull the starter grip three or four times, discharging the fuel from the fuel pump.
6. Turn the engine switch to the 'OFF' position, and tighten the drain screw of the carburetor and



7. Reinstall the spark plug cap.

OIL THE SPARK PLUG

1. Using the spark plug spanner, remove the spark plug, and pour a tablespoon of clean engine oil into the cylinder.
2. Crank the engine several times to distribute the oil.
3. Reinstall the spark plug.
4. Pull the starter grip slowly till resistance is felt. At this point, the piston is coming up on its compression stroke and both the intake and exhaust valves are closed. In this position, it helps to protect the engine from internal corrosion.



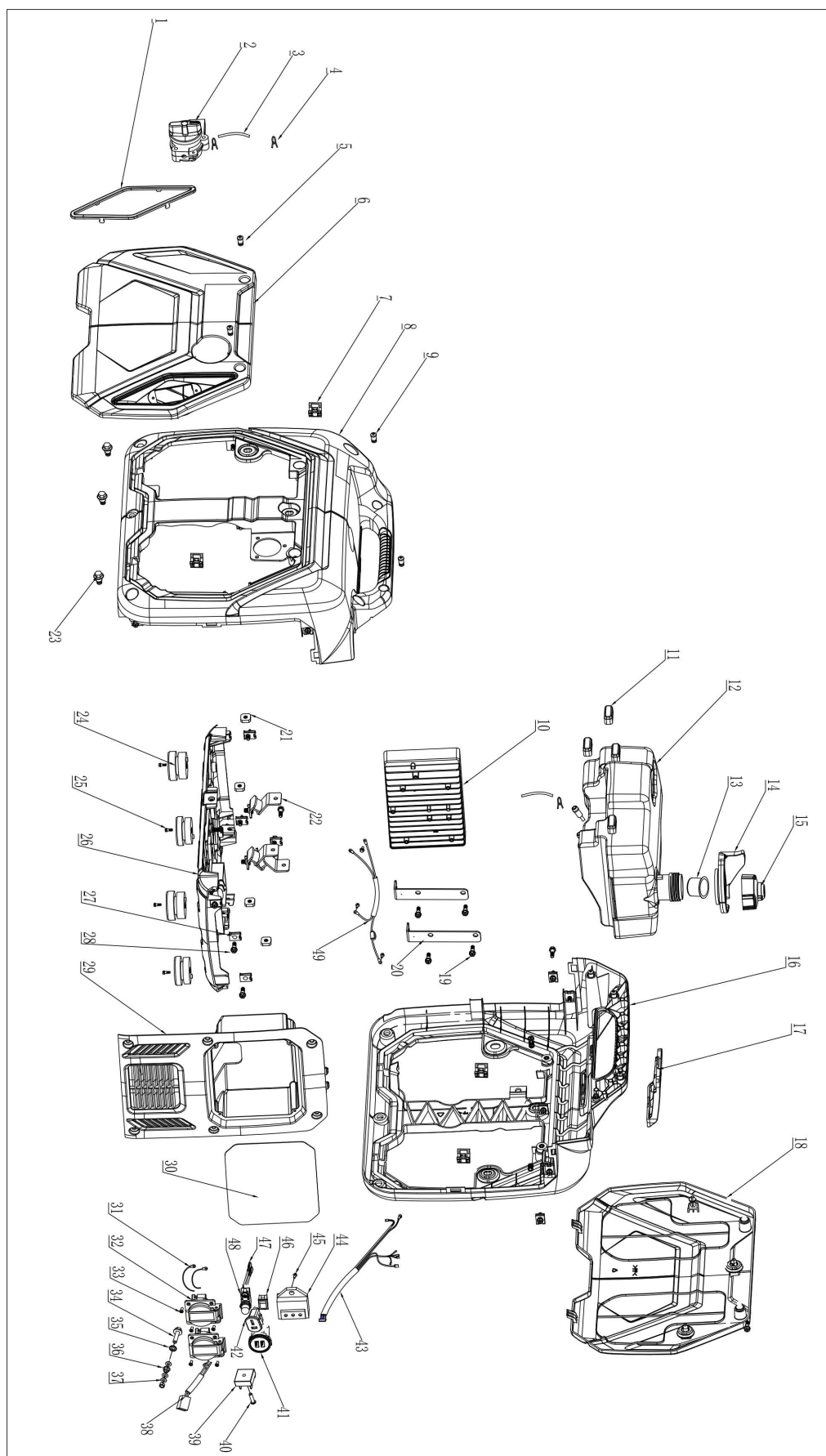
TROUBLESHOOTING

PROBLEM	CAUSE	SOLUTION
Engine does not start	Engine switch in OFF position	Set engine switch to CHOKE/START position
	Fuel tank is filled with contaminated or old fuel	Change the fuel in the tank
	Not enough oil in crankcase	Add or replace oil
	Air filter is dirty	Clean or replace air filter
	Spark plug is dirty	Clean spark plug
	Spark plug is broken	Replace spark plug
	Generator is not on level surface	Move generator to a level surface to prevent low oil shutdown from triggering
	Engine needs maintenance	Contact the CLARKE service department for more information
Engine Stops	Generator was tilted when adding oil or shipped side down	Remove spark plug, turn engine switch to the OFF position then pull recoil starter four (4) times to remove oil from the combustion chamber. Replace spark plug and restart engine
	Fuel tank vacuum relief valve on OFF position	Turn fuel tank vacuum relief valve to the ON position
	Not enough oil in crankcase	Add or change oil
Blue smoke in exhaust	Engine is out of fuel	Check fuel gauge and add fuel if needed
	Generator inclined, oil has entered combustion chamber	Move generator to a level position
	To much oil has been added to the crankcase	Drain excess oil

PROBLEM	CAUSE	SOLUTION
Generator runs but does not support all electrical devices connected	Bad connecting wires/cables	If using an extension cable, try a different one
	Bad electrical device connected to generator	Try connecting a different device
	Generator is overloaded, (overload light is on).	Perform these steps: 1: Turn off all electrical devices 2: Unplug all electrical devices 3: Shut down the engine 4: Wait several minutes and then restart the engine 5: Try connecting fewer electrical loads to the generator
	Short circuit in one of the connected devices	Try disconnecting any faulty or short circuited electrical loads
DC outlet is without any power	DC circuit protector has tripped	Remove any load on the circuit firstly, and then reset the protector after a few minutes.

If this does not solve your problem, please contact the CLARKE Service Department.

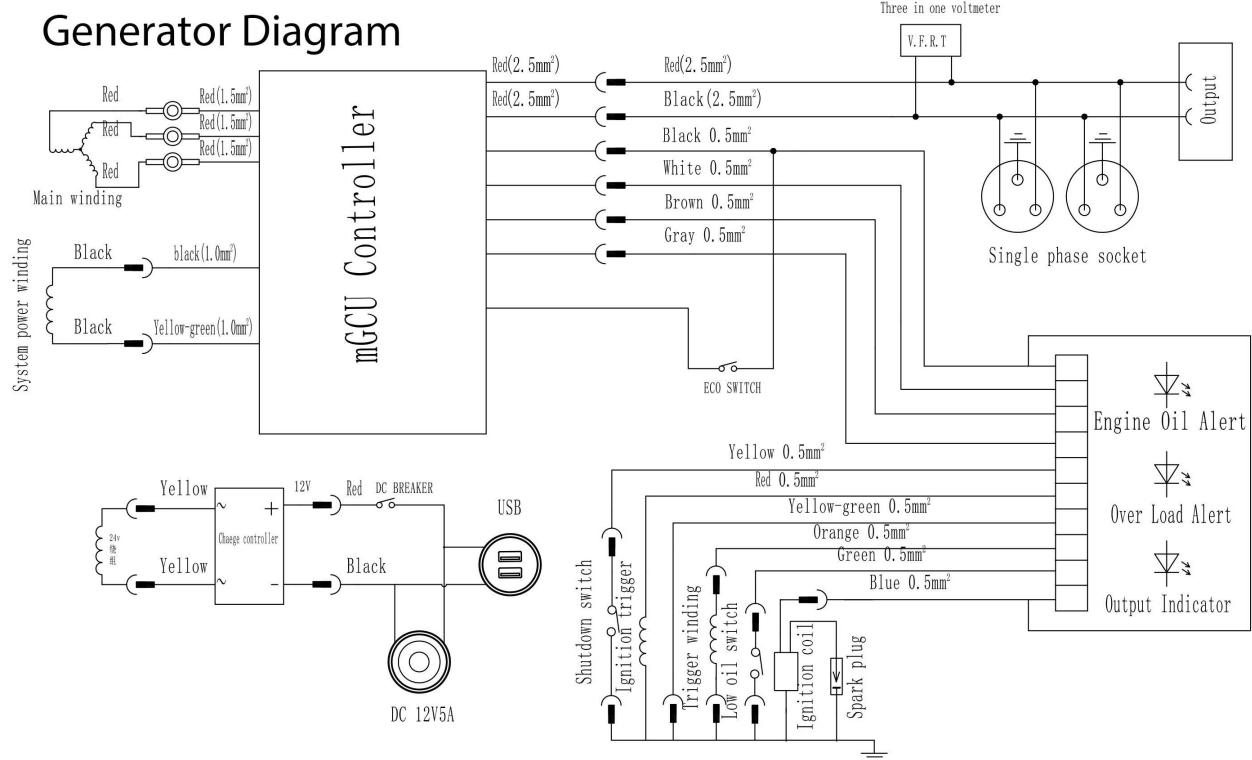
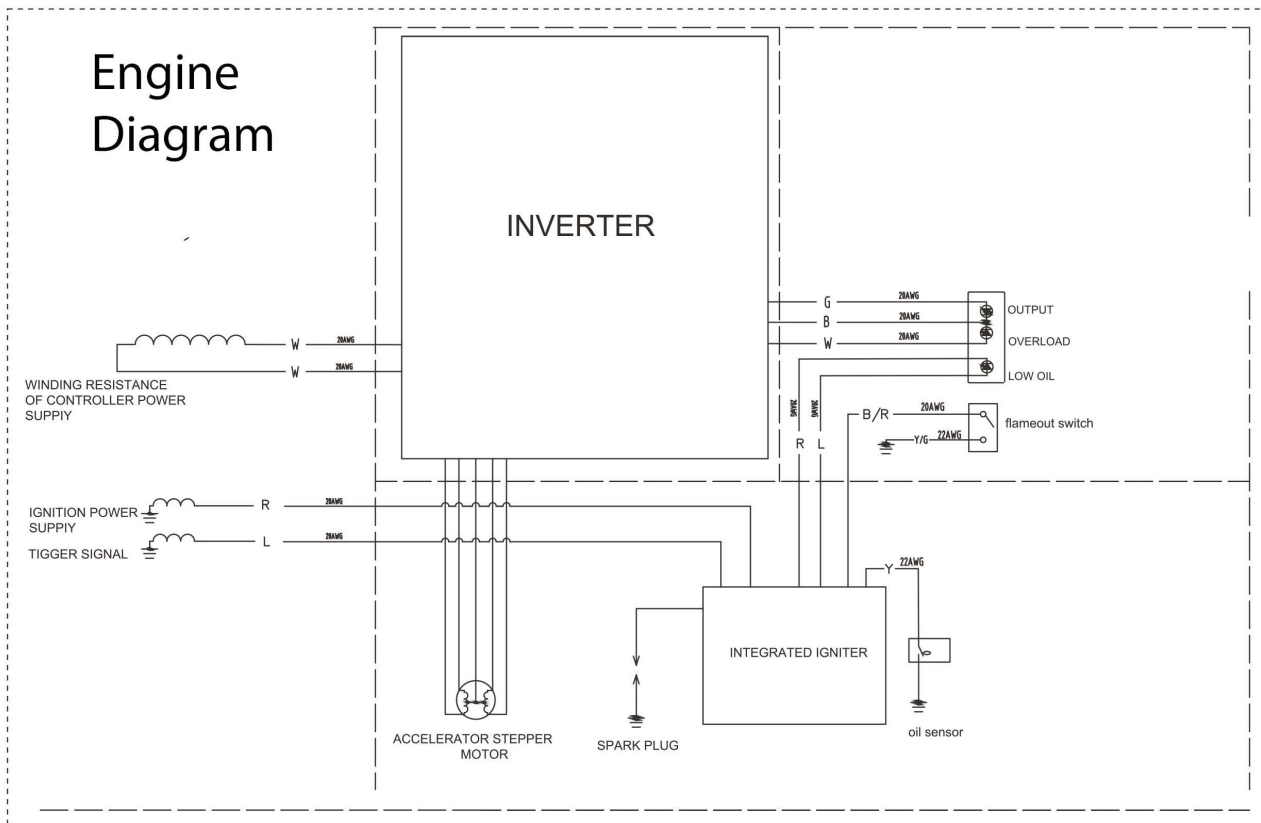
EXPLODED DIAGRAM - GENERATOR



PARTS LIST - GENERATOR

No	Description	No	Description
1	Handle Decorative Trim	26	Floor
2	3 in 1 Oil Switch	27	M5 Screw Card x 10
3	Fuel Pipe	28	M6 Screw Card x 10
4	Fuel Pipe Card x 4	29	Panel Cover
5	Trim Bolt x 4	30	Panel
6	Right Side Trim	31	AC Socket Line
7	Decorative Plate Fixed Clip x 6	32	AC Socket x 2
8	Right Side Frame	33	Socket Fixing Bolt x 8
9	Skeleton Bolt x 4	34	Grounding Bolt
10	Inverter	35	Gear Gasket
11	Tank Securing Rubber Ring x 4	36	M6 Spring Washers x 2
12	Fuel Tank	37	M6 Nut x 2
13	Fuel Filter	38	DC Line
14	Fuel Tank Opening Pad	39	Bridge pile
15	Fuel Tank Cap	40	Bridge Pile Fixing Bolts
16	Left Side Frame	41	USB Socket
17	Spark Plug Cover	42	T Type DC Socket
18	Left Side Decorative Trim	43	3 in 1 Igniter Wiring Harness
19	Inverter Fixing Bolts x 4	44	3 in 1 Igniter
20	Inverter Wire Set	45	Igniter Fixing Bolt
21	M6 Square Nut x 6	46	ECO Switch & Waterproof Cap
22	Damping Feet x 4	47	DC Breaker Cable
23	Skeleton Step Fixing Bolts x 6	48	DC Breaker & Waterproof Cap
24	Rubber Circle Feet x 4	49	Ground Wire
25	Round Foot Fixing Bolt x 4		

WIRING DIAGRAMS



DECLARATION OF CONFORMITY - UKCA



DECLARATION OF CONFORMITY

This is an important document and should be retained.

We hereby declare that this product(s) complies with the following legislation: The following standards have been applied to the product(s):

2000/14/EC	Outdoor Noise Directive	IEC 62321-1:2013, IEC 62321-2:2021, IEC 62321-3-1:2013, IEC 62321-4:2013+AMD1:2017,
2014/30/EU	Electromagnetic Compatibility Directive	EN IEC 61000-6-1:2019, EN ISO 8528-13:2016, IEC 62321-7-1:2015, IEC 62321-7-2:2017,
2006/42/EC	Machinery Directive	IEC 62321-5:2013, IEC 62321-6:2015, IEC 62321-8:2017, EN 55012:2007+A1,
2016/1628	Particulate Emission and Type-Approval for Non-Road Mobile Machinery Regulation	EN ISO 3744:1995, ISO 8528-10:1998, ISO 17075:2017
2011/65/EU	Restriction of Hazardous Substances (RoHS) Directive	

The technical documentation required to demonstrate that the product(s) meet(s) the requirement(s) of the aforementioned legislation has been compiled and is available for inspection by the relevant enforcement authorities.

The UKCA mark was first applied in: 2025

Manufacturer:	Clarke International Ltd, Hemmell Street, Epping, Essex, CM16 4LG, United Kingdom	Notified Body:	TÜV Rheinland LGA Products GmbH (ID: 0197), Tillystraße 2, 90431 Nürnberg, Germany
Product Description:	Inverter Generator	Assessment Procedure:	Annex VI of above noise legislation
Model Number(s):	IG3700	Measured LWA:	93.4 dB
Serial/Batch Number:	Refer to product/packaging label	Guaranteed LWA:	96 dB
Document Holder:	Alan Pond	Signed:	 Alan Pond Director
Date of Issue:	24/06/2025		

IG3700 UKCA Clarke DOC 062425

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DECLARATION OF CONFORMITY - CE

CE

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DECLARATION OF CONFORMITY

This is an important document and should be retained.

We hereby declare that this product(s) complies with the following legislation: The following standards have been applied to the product(s):

2000/14/EC	Outdoor Noise Directive	IEC 62321-1:2013, IEC 62321-2:2021, IEC 62321-3-1:2013, IEC 62321-4:2013+AMD1:2017,
2014/30/EU	Electromagnetic Compatibility Directive	EN IEC 61000-6-1:2019, EN ISO 8528-13:2016, IEC 62321-7-1:2015, IEC 62321-7-2:2017,
2006/42/EC	Machinery Directive	IEC 62321-5:2013, IEC 62321-6:2015, IEC 62321-8:2017, EN 55012:2007+A1,
2016/1628	Particulate Emission and Type-Approval for Non-Road Mobile Machinery Regulation	EN ISO 3744:1995, ISO 8528-10:1998, ISO 17075:2017
2011/65/EU	Restriction of Hazardous Substances (RoHS) Directive	

The technical documentation required to demonstrate that the product(s) meet(s) the requirement(s) of the aforementioned legislation has been compiled and is available for inspection by the relevant enforcement authorities.

The CE mark was first applied in: 2025

Manufacturer:	Clarke International Ltd, Fitzwilliam Hall, Fitzwilliam Place, Dublin 2, Republic of Ireland	Notified Body:	TÜV Rheinland LGA Products GmbH (ID: 0197), Tillystraße 2, 90431 Nürnberg, Germany
Product Description:	Inverter Generator	Assessment Procedure:	Annex VI of above noise legislation
Model Number(s):	IG3700	Measured LWA:	93.4 dB
Serial/Batch Number:	Refer to product/packaging label	Guaranteed LWA:	96 dB
Document Holder:	Alan Pond	Signed:	 J.A. Clarke Director
Date of Issue:	24/06/2025		

IG3700 CE Clarke DOC 062425

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