

Inverter generator **GS5500i**

ANOVA

Instructions and user manual



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Anova would like to congratulate you on choosing one of our products and guarantees the assistance and cooperation that have always distinguished our brand over the years.

This machine is designed to last for many years and to be highly useful when operated in accordance with the instructions contained in the user manual. We therefore recommend that you read this instruction manual carefully and follow all our recommendations.

For further information or questions, please contact us through our web support channels, such as www.anova.es.

INFORMATION ABOUT THIS MANUAL

For your own safety and that of others, pay attention to the information provided in this manual and on the appliance.

This manual contains operating and maintenance instructions.

Keep this manual with you when working with the machine.

The contents are correct at the time of printing.

We reserve the right to make changes at any time without affecting our legal responsibilities.

This manual is considered an integral part of the product and must remain with it in the event of loan or resale.

Ask your dealer for a new manual if this one is lost or damaged.

READ THIS MANUAL CAREFULLY BEFORE USING THE MACHINE



To ensure that your machine delivers the best results, carefully read the operating and safety instructions before use.

OTHER WARNINGS:

Incorrect use could damage the machine or other objects.

Adaptation of the machine to new technical requirements may result in differences between the contents of this manual and the product purchased.

Read and follow all instructions in this manual. Failure to follow these instructions could result in serious personal injury.

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1. SAFETY INSTRUCTIONS

Read and understand all instructions and labels before using the generator. This section has been checked against the manufacturer's GS5500ISE manual, reference HW-1422-A, including definitions, symbols, warnings and safety labels.

1.1. Safety definitions

Signal words indicate the severity of the hazard. The alert symbol means: attention, your safety is involved. Read and follow the message shown next to the symbol.

DANGER

Indicates a hazardous situation which, if not avoided, will result in serious injury or death.

WARNING

Indicates a hazardous situation which, if not avoided, could result in serious injury or death.

CAUTION

Indicates a hazardous situation which, if not avoided, could result in minor or moderate injury.

NOTICE

Indicates a practice or situation that may damage the generator, connected equipment, property or the environment.

Note: identifies a procedure or condition that must be followed for the generator to operate correctly.

1.2. Safety symbols

Observe all safety information contained in the manual and on the generator itself. The following symbols are taken from the manufacturer's original manual.

Symbol	Meaning
	Safety alert. Read and follow the associated instruction.
	Electrocution hazard.
	Asphyxiation hazard from exhaust gases.
	Burn hazard. Do not touch hot surfaces.
	Electric shock hazard.
	Fire hazard.
	Maintain a minimum safe distance around the generator.
	Hazard when lifting or handling the machine.
	Read the manufacturer's instructions before using the equipment.
	Do not operate the generator in rain, snow or wet conditions.
	Grounding. Consult a qualified electrician.

1.3. Correct use and carbon monoxide hazard

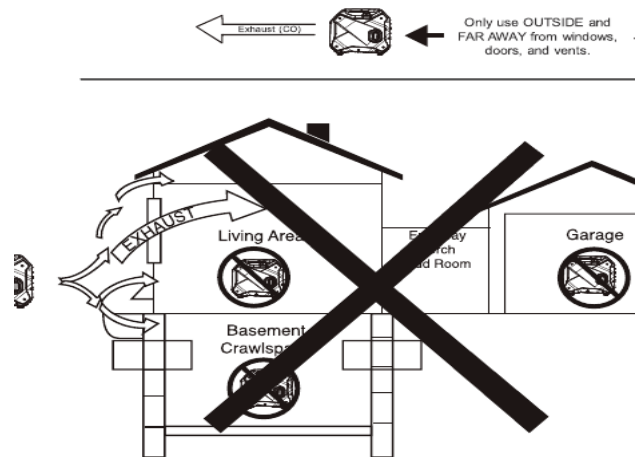
⚠ DANGER

Generator exhaust contains carbon monoxide, a colourless and odourless gas. Using the generator inside a building or enclosure can cause death within minutes.

- Use the generator outdoors only and downwind.
- Maintain a minimum distance of approximately 6 m from homes, doors, windows, vents and occupied areas. Wind direction or site conditions may require greater clearance.
- Direct the exhaust outlet away from people, buildings and openings.
- Do not operate the generator in homes, garages, basements, crawl spaces, porches, attics, entrances, sheds, caravans, trailers, truck bodies, tents or partially enclosed spaces, even if doors or windows are open.
- Install battery-powered carbon monoxide detectors or detectors with battery backup in occupied areas.
- If you feel dizzy, weak, have a headache or feel nauseous, move immediately into fresh air and seek medical attention.



Outdoor location away from openings.



Enclosed or partially enclosed areas where the generator must not be used.

1.4. Electrical safety and connection to installations

⚠ DANGER

Do not connect the generator directly to a building's electrical system. A standby connection requires a properly installed transfer switch verified by a qualified electrician, isolating the public mains supply from the generator.

⚠ DANGER

Do not use the generator in a wet or damp location. Do not expose it to rain, snow, water spray or standing water while it is running.

- Check that cables, plugs, sockets and connected equipment are not worn, stripped, damaged or wet.
- Use three-conductor grounded equipment or double-insulated equipment, as applicable.
- Use outdoor extension cables with a cross-section and length suitable for the current supplied.

- Do not touch the generator or connectors with wet hands.
- Consult a qualified electrician regarding grounding and local electrical requirements before commissioning.
- Do not connect or disconnect parallel-operation cables while the generators are running.

1.5. User responsibility

- Learn how to stop the generator quickly in an emergency.
- Understand the contents of the manual and the operation of the controls, sockets and protection devices.
- Ensure that every operator receives appropriate instructions. Do not allow children to use the generator.
- Protect children by using locks or master keys where these are fitted to the equipment or installation.
- During preparation and maintenance, wear approved safety glasses, sturdy work gloves and respiratory protection where dust is present.

1.6. General precautions

- Do not use the generator to power medical life-support equipment.
- Do not operate the generator when tired, ill or under the influence of alcohol, drugs or medication.
- Keep children, untrained persons and animals away.
- Maintain at least 1,5 m of free space around and above the generator during operation and cooling.
- Keep air inlets and outlets unobstructed. Do not cover the machine.
- Do not touch the engine, muffler or exhaust during operation or immediately afterwards. They can cause severe burns.
- Do not place fuel, body parts or flammable materials in the direct path of the exhaust.
- Remove tools and maintenance equipment before starting.
- Avoid skin contact with petrol and oil. Wear suitable protection and immediately wash exposed areas with soap and water.
- Do not modify the generator, engine, inverter system, guards or safety devices.
- The warnings in this manual cannot cover every possible situation. The operator must exercise caution and common sense.

1.7. Fuel, vapours and fire

DANGER

Petrol and its vapours are extremely flammable and explosive. They can cause severe burns, fire or death.

- Refuel outdoors only, with the engine switched off and cold. Wait at least five minutes before opening the tank.
- Do not smoke or allow flames, sparks, pilot lights or other ignition sources during refuelling, transport or storage.
- Use approved petrol containers.
- Do not overfill the tank. Leave room for fuel expansion and tighten the cap securely.
- Open the cap slowly to release pressure and prevent fuel from escaping around the filler neck.
- Clean up spills immediately and allow the area to dry before starting. Do not attempt to burn spilled fuel.
- Do not use petrol as a cleaning agent.
- Do not store fuel near ovens, heaters, boilers, dryers or other appliances with a flame or automatic ignition.

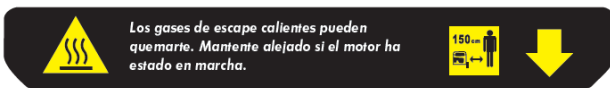
- In the event of a fuel fire, do not attempt to extinguish it while the fuel valve is open; an explosion could occur.

1.8. Transport, maintenance and storage

- Switch off the engine, disconnect all loads and allow the generator to cool for at least 30 minutes before transporting or storing it.
- Disconnect the spark-plug lead before carrying out maintenance to prevent accidental starting.
- Transport the equipment upright and secure it to prevent movement, overturning and leaks.
- Do not tilt the generator upwards or downwards during transport. Fuel and oil may spill.
- Do not use the handle to lift the generator with cranes or unauthorised lifting equipment.
- Store the machine clean, dry, ventilated and away from ignition sources.

1.9. Machine safety labels

Before each use, check that all labels are present, clean and legible. Do not start the generator if a warning label is missing or its contents cannot be read. Replace damaged labels with equivalent replacements.



Hot-surface label. The exhaust can cause burns; keep away while the engine is running and while it cools.

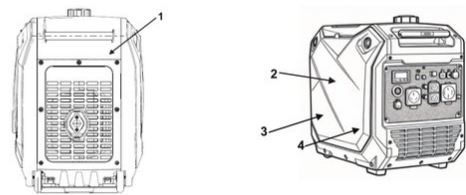


General safety label: refuelling, exhaust gases, electrical hazard, reading the manual and grounding.



Manufacturer and model identification label
GS5500i.

SAFETY LABELS



Location of the labels on the generator housing according to the manufacturer's manual.

WARNING

The hot-surface label must be placed in the indicated area and remain visible. The exhaust and muffler may remain dangerously hot after the engine has stopped.



Model rating plate: SR172Fi(E) engine, 224 cm³, 220 V, 50 Hz, 5.0 kW rated output, 5.5 kW maximum output and 41.5 kg gross weight.

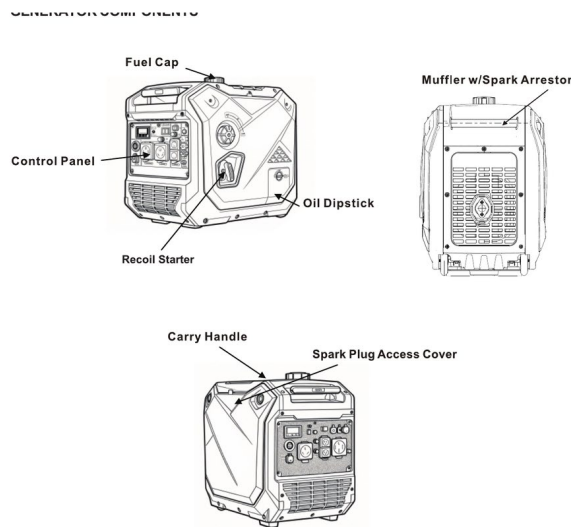
2. PRODUCT DESCRIPTION

The GS5500i is a portable petrol-engine inverter generator. It is intended to supply electrical power to compatible equipment within the power, voltage and frequency limits stated in this manual and on the rating plate.



Overview of the GS5500i inverter generator.

2.1. Main components



Identification of the main components according to the manufacturer's manual.

No.	Component	Function
1	Fuel tank cap	Closes the fuel tank.
2	Control panel	Houses the display, controls, sockets and electrical protection devices.
3	Recoil starter	Starts the engine using the recoil starter cord.
4	Oil dipstick	Allows the engine oil level to be checked and topped up.
5	Muffler with spark arrester	Reduces noise, discharges exhaust gases and traps glowing particles.
6	Carrying handle	Allows the generator to be moved when it is switched off and cold.
7	Spark-plug access cover	Provides access to the spark plug for maintenance.

2.2. Control panel



Control panel

Item	Description
Digital LCD display	Displays voltage, current, frequency, running time, accumulated time, output power and oil or overload warnings.
FAULT and OUTPUT indicators	Indicate faults and whether the output is available.
M button	Changes the information shown on the display.
ECO switch	Adjusts engine speed to the load to reduce fuel consumption and noise.
RESET button	Restores output after an overload or fault has been corrected.
ENGINE START/STOP button	Starts or stops the engine electrically.
USB Type-C Fast Charge 3.0	Fast-charging output identified on the panel.
Two 220 V 16 A AC sockets	Alternating-current outputs with protective covers.
220 V 32 A AC socket	32 A alternating-current output with protective cover.
PARALLEL connectors	Positive and negative terminals for compatible parallel connection.
CIRCUIT BREAKER	Circuit breaker protecting the output.
GROUND	Ground terminal.

3. TECHNICAL SPECIFICATIONS

The following data are taken from the manufacturer's GS5500ISE manual, its rating plate and the supplied declaration of conformity. The rating plate and the validated product data sheet always take precedence.

Group	Characteristic	Value
Generator	Commercial model	GS5500i
Generator	Type	Portable petrol inverter generator
AC output	Rated voltage	220 V
AC output	Rated frequency	50 Hz
Power	Rated power	5,0 kW
Power	Maximum power	5,5 kW
Panel	Power sockets	2 x AC 220 V 16 A; 1 x AC 220 V 32 A
Panel	USB charging	USB Type-C Fast Charge 3.0
Engine	Model	SR172FI(E)
Engine	Displacement	224 cm ³
Engine	Fuel	Unleaded petrol, 87–93 octane; maximum 10% ethanol
Engine	Starting	Electric by button, remote control and manual recoil starter
Engine	Maximum oil capacity	1000 ml (34 fl oz)
Engine	Spark plug gap	0,70-0,80 mm
Engine	Intake valve clearance	0,04-0,06 mm
Engine	Exhaust valve clearance	0,06-0,08 mm
Assembly	Gross weight	41,5 kg



IMPORTANT The manual received does not clearly state the dimensions, fuel-tank capacity, noise values or starting-battery capacity. These data must be verified before the final version is published.

Standards and directives included in the supplied declaration of conformity: Directive 2006/42/EC, Directive 2014/30/EU, EN ISO 8528-13:2016, EN 55012:2007+A1 and EN IEC 61000-6-1:2019.

4. PREPARATION AND ASSEMBLY

4.1. Unpacking and checking the contents

- Open the packaging carefully and remove all protective materials.
- Check the generator for dents, loose parts or transport damage.
- Keep the manual and verify the supplied accessories before disposing of the packaging.
- According to the manufacturer's manual, the package contains the generator, user manual, screwdriver, tubular spark-plug wrench, oil funnel and remote control. Check the actual contents before disposing of the packaging.



WARNING The generator is normally shipped without engine oil. Do not start the equipment until the correct oil has been added and the level checked.

4.2. Filling and checking the oil

Place the generator on a firm, horizontal and level surface.

Remove the maintenance access cover and clean the area around the oil cap/dipstick.

Unscrew the dipstick, clean it and slowly add 4-stroke engine oil.

Insert the dipstick without screwing it in to check the level, unless the marking on the dipstick specifies another method.

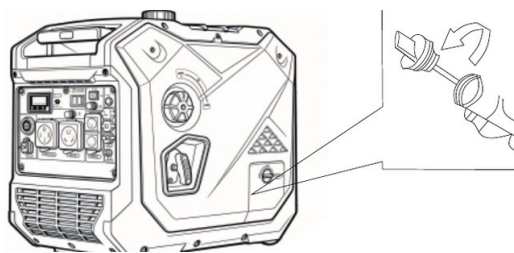
The level must remain within the safe range and must not exceed the upper mark.

Fit and hand-tighten the dipstick, then reinstall the cover.

SAE 10W-30 oil is recommended for general use. Select the appropriate viscosity according to the ambient temperature and the oil manufacturer's instructions.



CAUTION The low-oil protection system may stop the engine, but it does not replace checking the level before each use. Do not tilt the generator while filling.



Initial oil filling and oil-level check according to the manufacturer's manual.

4.3. Refuelling

Switch off the engine and allow it to cool for at least five minutes.

Place the equipment outdoors, on a level surface and away from ignition sources.

Clean the area around the cap and remove it slowly.

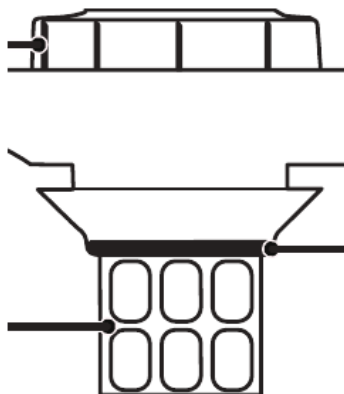
Add clean, fresh unleaded petrol rated at 87 to 93 octane. Ethanol-free petrol is recommended; a maximum ethanol content of 10% is permitted.

Do not fill above the indicated maximum level or cover the filler-neck filter.

Fit the cap securely and clean up any spillage before starting.



DANGER Do not refuel while the engine is running or hot. Do not use E15, E85, 2-stroke oil mixtures or unauthorised fuels.



Maximum fuel level and filler-neck filter.

5. OPERATING INSTRUCTIONS

5.1. Generator location

Read and understand all safety information before starting the generator. Correct positioning is essential to prevent poisoning, fire, electric shock and equipment damage.

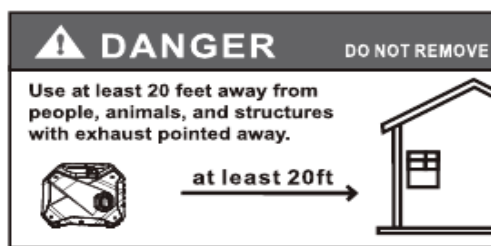
5.1.1. Ventilation and carbon monoxide



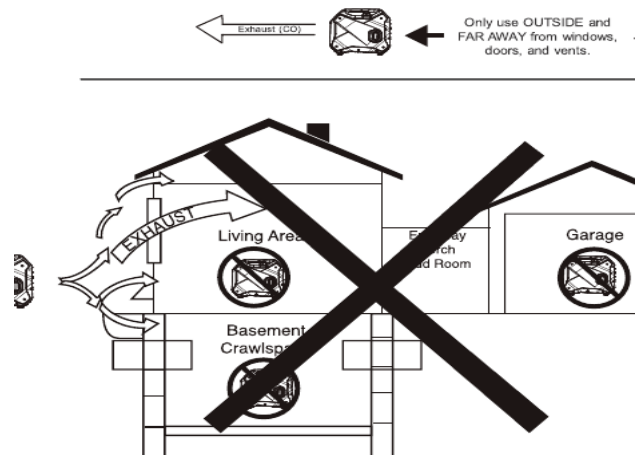
DANGER Generator exhaust contains carbon monoxide, a colourless and odourless gas. Using the generator inside a building or enclosure can cause death within minutes.

- Use the generator outdoors only, in a well-ventilated area away from occupied places.
- Do not position the generator near vents, air intakes, doors, windows or other openings through which gases could enter a building.
- Consider wind direction and air currents when selecting the location and orienting the exhaust outlet.
- Do not operate the generator in homes, garages, basements, crawl spaces, sheds, porches, attics, caravans, trailers, truck bodies or other enclosed or partially enclosed spaces, even if doors or windows are open.

A generator used indoors can cause death within minutes. Carbon monoxide cannot be seen or smelled.



Outdoor location away from openings.



Enclosed or partially enclosed areas where the generator must not be used.

5.1.2. Surface, clearance and prohibited locations

- Place the generator on a firm, solid, dry, flat and level surface, both during operation and when stationary.
- Maintain at least 1,5 m of clear space around and above the generator from combustible materials. Wind direction or site conditions may require greater clearance.
- Do not enclose or cover the generator during operation. Keep all air inlets, cooling grilles and the exhaust outlet unobstructed.
- Do not use the generator in the rear of an off-road vehicle, car, van, caravan, trailer, truck body, platform or other space that could restrict ventilation or allow gases to accumulate.



WARNING Fire hazard. Use the generator only on a solid, level surface. Sand, loose soil or grass clippings may be drawn into the cooling grilles or intake. Allow the generator to cool for at least 30 minutes before transporting or storing it.

5.1.3. Moisture and electrical hazard



DANGER Do not use the generator in a wet or damp location. Do not expose it to rain, snow, water spray or standing water during operation. Moisture or ice may cause a short circuit or electrical-system failure.

- Protect the generator from adverse weather without enclosing it or restricting ventilation.
- Do not touch the generator, ground terminal, plugs or cables with wet hands.
- Do not use cables, sockets or appliances that are damaged, stripped, wet or have deteriorated insulation.

5.1.4. High-altitude operation

Engine power decreases as altitude above sea level increases. Above approximately 1.067 m, reduce the connected electrical load and do not demand the generator's maximum continuous power.

Above approximately 1.524 m, a specific high-altitude adjustment may be required. Operation without the correct adjustment may increase fuel consumption and emissions and reduce performance. Contact an authorised Anova service centre.



NOTICE Do not use the generator below an altitude of 762 m if a high-altitude kit is installed. Engine damage may result.

5.2. Grounding and connection to installations

Before using the ground terminal or connecting the generator to a fixed installation, consult a qualified electrician. Requirements depend on the generator's protection system, the type of installation and local regulations.



WARNING Do not connect the generator to the public mains or a home using improvised cables. Standby connection requires a transfer switch and professional installation.



WARNING Electric shock hazard. Incorrect grounding of the generator may cause electric shock.



NOTICE Use only three-conductor grounded extension cables, grounded tools and appliances, or double-insulated equipment.

Before using the ground terminal, consult a qualified electrician or the competent authority to confirm the requirements applicable to the installation and intended use of the generator.

5.3. Initial running-in period

During the first five hours, do not exceed 50% of the continuous rated power. Vary the load occasionally to allow the windings to heat and cool and to help the piston rings bed in.

If the generator is stored for more than 30 days or is used infrequently, refer to the storage section for correct fuel preservation.

5.4. Checks before starting

- Generator positioned in a safe, ventilated, dry and level area.
- Correct oil level and no leaks.
- Sufficient fuel and cap securely closed.
- Air filter, grilles and exhaust clean and unobstructed.
- All electrical equipment disconnected.
- ECO switch in OFF for starting and for loads with high starting current.
- Cables, sockets and protection devices in good condition.

5.5. Starting the engine

Set the ECO switch to OFF.

Set the combination switch to RUN.

Press and release the START button on the panel or remote control once. Wait 1 to 2 seconds for the engine to start; repeat if necessary.

For manual starting, pull the recoil handle until resistance is felt, allow it to return and then pull sharply. Repeat until the engine starts.

Once the engine is running, ECO mode can be enabled if the load allows it.

At ambient temperatures below 5 °C, allow the engine to warm up for 3 minutes before connecting electrical loads.



Electric, remote and manual starting sequence shown by the manufacturer.

5.6. Stopping the engine

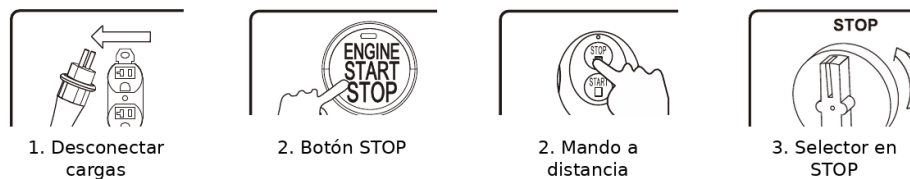
Switch off and disconnect all electrical loads. Do not start or stop the generator with appliances connected or switched on.

Allow the generator to run without load for several minutes to stabilise the temperature.

Press the STOP button on the panel or the STOP button on the remote control.

Set the combination switch to STOP.

In an emergency, bypass the normal procedure and immediately set the combination switch to OFF.



Stopping sequence using the panel, remote control and combination switch.

5.7. ECO mode

ECO mode adjusts engine speed to power demand, reducing fuel consumption, noise and wear when supplying small continuous loads.

- Always start with ECO in OFF and wait for the engine to stabilise.
- Activate ECO for small, stable loads such as lighting or certain electronic equipment.
- Deactivate ECO for compressors, pumps, motor-driven tools, heaters or other loads with high starting surges.
- Deactivate ECO before connecting or disconnecting significant loads.

5.8. Overload, protection and reset

When the requested power exceeds generator capacity, the overload indicator may light and the AC output may switch off while the engine continues running.

Switch off and disconnect all equipment.

Check that the total rated and starting power does not exceed generator capacity.

Check whether any cable, tool or appliance is faulty.

Press RESET or reset the circuit breaker only after correcting the cause.

Reconnect the loads one at a time, starting with the one having the highest starting current.



IMPORTANT A brief overload may not switch off the output immediately, but it reduces generator service life and may damage connected equipment.

5.9. Power management

Calculate the total power of equipment that will operate simultaneously and add the highest starting surge of motor-driven appliances. Do not use the generator's maximum power alone as its continuous capacity.

Load example	Running power	Approximate starting surge
4 × 75 W lamps	300 W	0 W
Television	300 W	0 W
Refrigerator/freezer	700 W	2200 W
1/3 HP sump pump	800 W	1300 W
Drill	440 W	600 W
Circular saw	1400 W	2300 W

The above values are for guidance only. Always use the rating plate of each appliance and consult the manufacturer when the starting current is unknown.

5.10. Connecting electrical loads

- Start the generator without any load connected and allow it to stabilise.
- Check that the appliance voltage and frequency match those of the generator.
- Connect the load with the highest power or starting surge first.
- Wait for the engine to return to stable operation before connecting the next load.
- Do not connect three-phase equipment or appliances requiring more power than is available.
- Medical, life-support or especially sensitive equipment requires a specifically approved power source and installation.

5.11. Extension cables

Use only three-conductor cables, grounded where applicable, suitable for outdoor use and with sufficient cross-section. Longer cables increase voltage drop and heating.

Total current	Up to 15 m	Up to 30 m
Up to 10 A	12 AWG	8 AWG
Up to 15 A	10 AWG	8 AWG
Up to 20 A	10 AWG	6 AWG
Up to 30 A	8 AWG	6 AWG
Up to 35 A	6 AWG	6 AWG



IMPORTANT The table reproduces the manufacturer's AWG gauge reference. For European installations, an electrician must select the equivalent cross-section in mm² according to the applicable regulations and actual cable length.

5.12. Parallel operation

Parallel connection may only be made between compatible inverter generators using two compatible parallel cables or the kit authorised for the model.

- Switch off both generators, disconnect all loads and keep ECO mode OFF before fitting the cables.
- Connect a black cable between the negative terminals of both generators.
- Connect a red cable between the positive terminals of both generators.
- Start the first generator and wait for the OUTPUT READY indicator to illuminate.
- Start the second generator and wait for the OUTPUT READY indicator to illuminate before connecting loads.
- Connect loads gradually without exceeding the permissible combined power.
- Disconnect all loads and stop both generators before removing the parallel cables.

5.13. Transport

- Allow the generator to cool for at least 30 minutes.
- Close the fuel supply and tank vent.
- Keep the equipment upright and secure it by strong points.
- Protect the panel and grilles. Avoid impacts and do not place heavy loads on top.
- For long journeys, reduce the amount of fuel in the tank and comply with applicable transport regulations.



Transport the generator switched off, cold, upright and properly secured.

6. MAINTENANCE



WARNING Before cleaning, inspecting or maintaining the generator, switch off the engine, allow the equipment to cool, disconnect all loads and remove the spark-plug cap.

6.1. Maintenance schedule

Interval	Operation
Before each use	Check oil level, leaks, air filter, ventilation, cables, sockets and fasteners.
First month or 25 h	Change the engine oil.
Every 50 h or 6 months	Change the oil when required and clean the air filter.
Every 100 h or 6 months	Inspect/clean the spark plug and spark arrester; check the general condition.
Every 300 h or 12 months	Replace the spark plug and air filter if necessary; have the valve clearance checked by an authorised service centre.
Severe use	Shorten the intervals in dusty or humid environments, under high loads or at extreme temperatures.

6.2. Air filter

Place the generator on a level surface and allow it to cool.

Remove the service cover and filter cover.

Remove the foam element without allowing dirt to enter the intake.

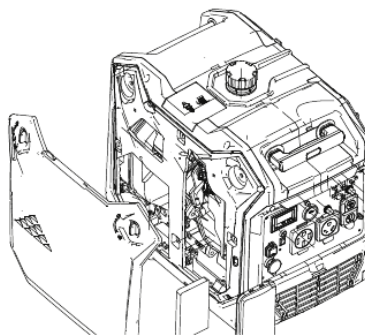
Wash it in soapy water, rinse it and allow it to dry completely.

Lightly soak it with clean engine oil and squeeze out the excess.

Correctly install the filter, cover and service panel.



IMPORTANT Do not use petrol or flammable solvents to clean the filter. Do not run the engine without the filter element.



Access to and maintenance of the air filter according to the manufacturer's manual.

6.3. Checking and changing the oil

Check the level with the equipment level and the engine stopped.

To change the oil, warm the engine for a few minutes and then stop it.

Place a suitable container beneath the drain point.

Remove the dipstick/cap and drain plug or hose, and allow the used oil to drain.

Close the drain, add new oil to the correct level and check for leaks.

Take used oil to an authorised collection point.

The maximum oil capacity specified by the manufacturer is 1000 ml (34 fl oz). Do not exceed the maximum mark on the dipstick.

Rango de funcionamiento



Checking the oil level and filling with oil.

6.4. Spark plug

Remove the service cover and spark-plug cap.

Clean the area to prevent dirt from entering the cylinder.

Remove the spark plug using the supplied wrench.

Replace the spark plug if it is damaged, heavily fouled or has worn electrodes.

Set the electrode gap to 0,70-0,80 mm.

Thread it in by hand first to avoid damaging the threads, then tighten it with the wrench.

Install the cap and cover.

Spark plug specified in the model documentation: F7RTC.

Separación: 0,70 - 0,80 mm



Spark plug electrode gap: 0.70–0.80 mm.

6.5. Spark arrester and muffler

Wait until the exhaust has cooled completely.

Remove the cover and spark-arrester fasteners.

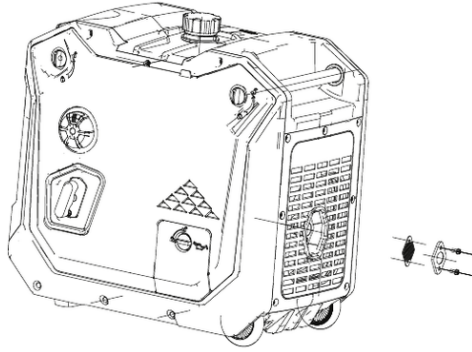
Remove carbon deposits with a wire brush.

Replace the mesh if it is broken, deformed or perforated.

Reassemble all components before starting.



CAUTION The muffler and spark arrester may remain hot for a long time after the engine has stopped.

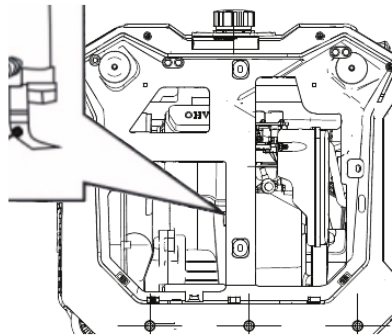


Access to the spark arrester for cleaning.

6.6. Storage

Correct storage prevents fuel degradation, corrosion and starting difficulties.

- Clean the generator and allow it to cool.
- For short periods, use fresh fuel and a compatible stabiliser in accordance with its instructions.
- For long periods, drain the tank and carburettor float bowl into an approved container, or follow the specific procedure indicated by the service centre.
- Change the oil if required and protect the cylinder in accordance with the maintenance instructions.
- Store the equipment upright in a dry, ventilated place protected from dust, moisture, heat and ignition sources.
- Do not cover the generator until it is completely cold.



Draining the carburettor float bowl and fuel tank for long-term storage.

6.7. Valve clearance adjustment

Valve-clearance checking and adjustment must be carried out with the engine cold. The manufacturer specifies an intake clearance of 0.04–0.06 mm, an exhaust clearance of 0.06–0.08 mm and a rocker-arm support tightening torque of 106 in-lb (12 N·m). This work requires tools and technical knowledge and must be performed by an authorised service centre.

7. TROUBLESHOOTING



WARNING Stop the engine and disconnect the loads before carrying out checks. Internal repairs to the electrical or inverter system must be performed by authorised personnel.

Problem	Possible cause	Correction
Engine will not start	Empty tank or closed vent	Add fuel and open the cap vent.
Engine will not start	Old or contaminated fuel	Drain the system and refuel with clean, fresh petrol.
Engine will not start	Low oil level	Place on a level surface and add the correct oil.
Engine will not start	Dirty air filter	Clean or replace the filter.
Engine will not start	Wet, dirty spark plug or incorrect gap	Dry, clean, set to 0,70-0,80 mm or replace.
Engine will not start	Selector/choke in incorrect position	Follow the starting procedure for a cold or warm engine.
Starts and then stops	Insufficient fuel, low oil or clogged filter	Check fuel, oil and air filter.
Low power	Overload or defective appliance	Disconnect loads, check the power requirement and test each appliance separately.
Irregular operation	Degraded fuel or obstructed fuel system	Drain the fuel; contact a service centre if the problem continues.
No AC output	Overload protection active	Disconnect loads, correct the cause and press RESET/reset the breaker.
No AC output	Circuit breaker tripped	Reduce the load and reset the circuit breaker.
No AC output	Defective connected cable or appliance	Replace or repair the equipment before reconnecting it.
Oil indicator illuminated	Insufficient level or generator tilted	Level the equipment, switch it off and check the oil.
Overheating	Obstructed ventilation or excessive load	Switch off, allow to cool, clean the grilles and reduce the load.

If the fault persists, do not dismantle the generator. Contact an authorised Anova dealer or service centre.

8. WARRANTY

If your product develops a manufacturing defect during the established warranty period, contact or visit your point of sale directly with the required documentation.

Your purchase invoice must be retained as proof of the purchase date. Your tool must be returned to your dealer in an acceptable and clean condition, in its original moulded case where applicable, accompanied by the corresponding proof of purchase.

8.1. Warranty period

The statutory warranty period for the product begins on the original date of purchase by the first purchaser and shall last for the period established by the applicable Royal Decree-Law on the protection of consumers and users against situations of social and economic vulnerability in force at the time the product was purchased.

Some countries do not allow limitations on the duration of an implied warranty or the exclusion or limitation of consequential or incidental damages, in which case the above limitation and exclusion may not apply to you. This warranty gives you specific legal rights, and you may also have other rights that vary from state to state or country to country.

8.2. Exclusions

This warranty does not cover product damage or performance problems caused by:

- Normal wear resulting from use.
- Misuse, negligence, careless operation or lack of maintenance.
- Defects caused by incorrect use, damage resulting from work carried out by personnel not authorised by Anova, or the use of non-original spare parts.
- Defects in normal wear parts such as bearings, brushes, cables, plugs or accessories such as drills, drill bits, saw blades, etc.
- Damage or defects resulting from abuse, accidents or alterations.
- Incorrect use and storage (explicitly meaning that the rules described in the operating instructions have not been followed).
- Wear caused by the customer (for example, broken saw blades, worn carbon brushes, etc.).
- Wear and consequential damage due to lack of maintenance, repair or lubricants (for example, overheating damage caused by blocked cooling slots, bearing damage resulting from dirt, frost damage, etc.).
- Damage clearly resulting from excessive use / overload.
- Damage caused by inappropriate supplies (e.g. incorrect fuel).
- Load-induced breakage of housing components or accessories due to abnormal stress.
- Load-induced deformation of housing components or accessories due to abnormal stress.
- Damage resulting from operating with supplies that are overfilled or leak due to improper storage, unsuitable cleaning agents or other damaging chemical components.
- Damage due to improper exposure to extreme temperatures (for example, freeze fractures, thermal deformation of components, etc.).
- Damage caused by permanent exposure to ultraviolet radiation.
- Damage caused by inadequate maintenance.
- Any damage caused by failure to comply with the instruction manual.
- Any product on which a repair has been attempted by an unqualified professional.
- Any product connected to an unsuitable power supply (amperage, voltage, frequency).
- Any damage caused by external influences (water, chemical or physical agents, impacts) or foreign substances.
- Use of unsuitable accessories or parts.

- The warranty does not include defects in normal wear parts and does not cover damage or defects resulting from abuse, accidents or alterations, or transport costs.

The warranty is also void if the product has been altered or modified, or if the trademark or machine serial number has been defaced or removed.

Routine maintenance, tuning, adjustments and normal wear are not covered by this warranty.

This manual does not cover every possible warranty-exclusion situation. For further information, contact your nearest Anova dealer.

8.3. In the event of a claim

The warranty form must be completed correctly with all requested information and accompanied by the purchase invoice.

Anova reserves the right to reject any claim where the purchase cannot be verified or where it is clear that the product has not been maintained correctly (maintenance, clean ventilation slots, lubrication, regular carbon-brush servicing, cleaning, storage, etc.).

Private use means personal domestic use by an end consumer. Commercial use means all other uses, including use for business, income-generating or rental purposes. Once the product has been used commercially, it will thereafter be considered a commercial-use product for the purposes of this warranty.

These are our standard warranty terms, although additional warranty cover not determined at the time of publication may occasionally apply. For further information, contact your nearest authorised Anova dealer or visit www.millasur.com.

Warranty service is available only through authorised Anova dealers. You can locate your nearest dealer on our dealer map at www.anova.es.

9. ENVIRONMENT

It is essential to ensure that products and their components are disposed of responsibly to protect the environment. The following provides general guidelines for the correct disposal of the various materials that may be used in your machine.

Dispose of your machine in an environmentally responsible manner. Machines must not be disposed of with household waste. Their plastic and metal components can be sorted according to their nature and recycled.

When disposing of machinery or metal products, remember that metal components such as iron, steel or aluminium must be properly recycled at metal-recycling facilities. This helps make it possible to reuse them in the manufacture of new products.

9.1. Oils and fuels

Used oils and fuels, among other substances, must be recycled properly. Do not pour these liquids into drains, soil, rivers, lakes or seas, as they can cause serious environmental damage. Take them to a specialised recycling centre or collection point. This process helps prevent water and soil contamination and, where possible, enables oils to be reused safely.

9.2. Plastics

Plastics must be separated and taken to specific recycling points. Do not dispose of them with ordinary household waste. Plastics can be recycled, helping to reduce waste.

9.3. Cardboard

Packaging materials such as cardboard are recyclable. Separate clean, dry cardboard and place it in designated recycling containers or take it to an official waste collection point. Do not dispose of it with household waste.

9.4. Batteries and electrical components

Batteries and other electronic components from machines must be disposed of at specific collection points to prevent toxic substances from being released into the environment. Do not dispose of them with ordinary waste. Take them to suitable recycling centres for safe and responsible handling.

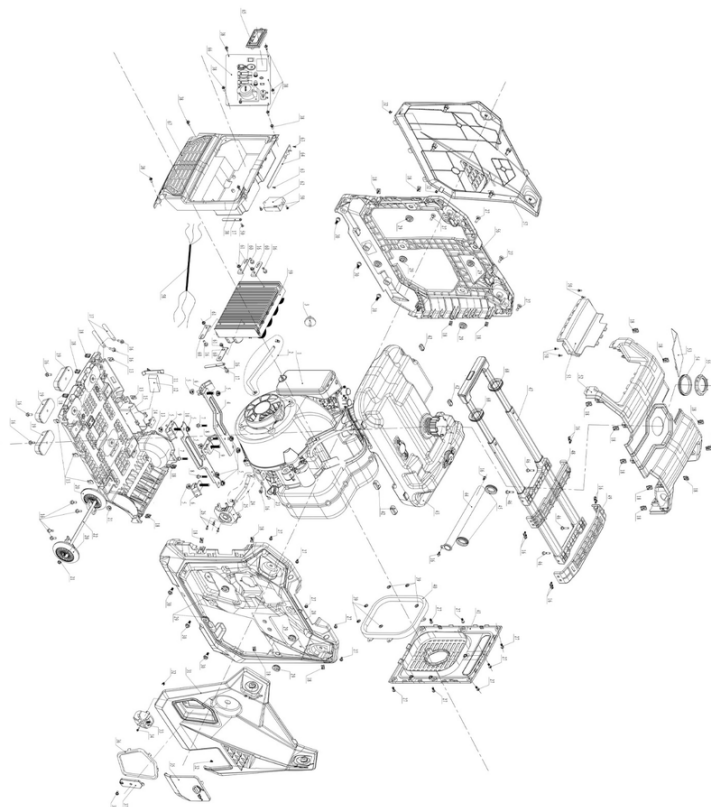
By following these guidelines, you help protect the environment and conserve resources. For further information about material disposal and recycling, contact your local authorities and consult the relevant information.



IMPORTANT For this generator, take used oil, fuel, the air filter, spark plug and electrical components to authorised collection points. Do not pour oil or petrol onto the ground, into water or into the drainage system.

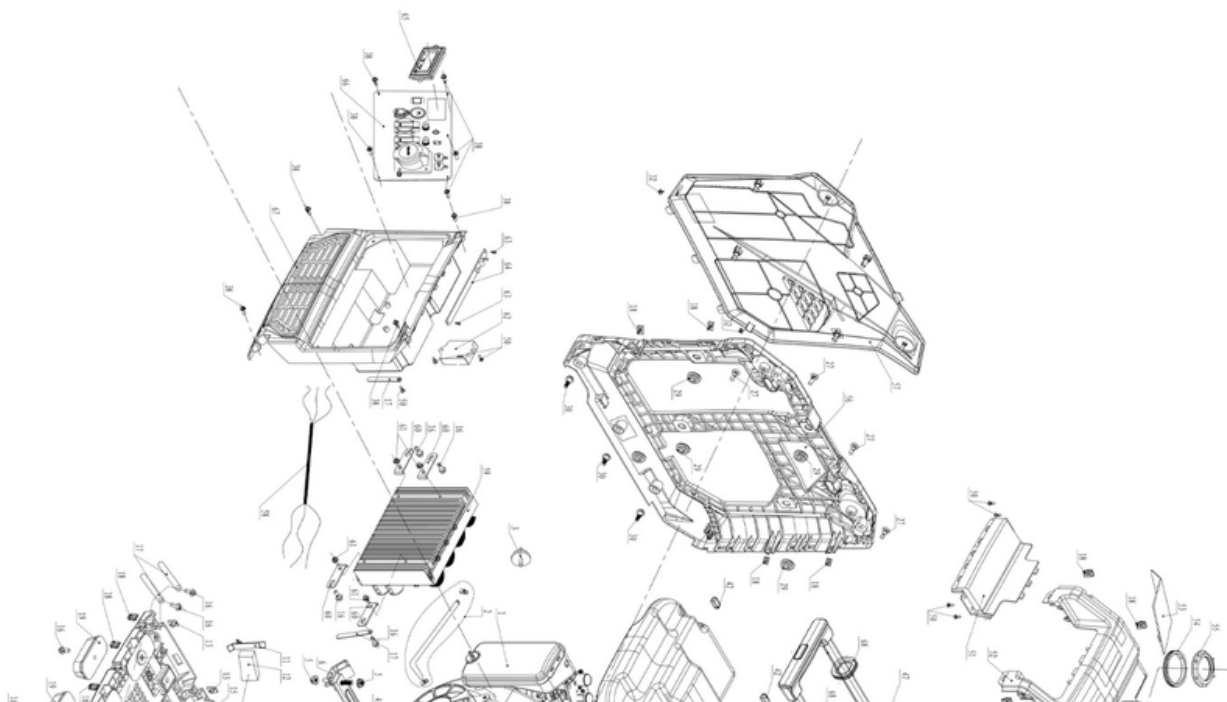
10. EXPLODED VIEW

The following exploded view identifies the positions of the main components. Contact the Anova dealer and state the model and position number before ordering a spare part.



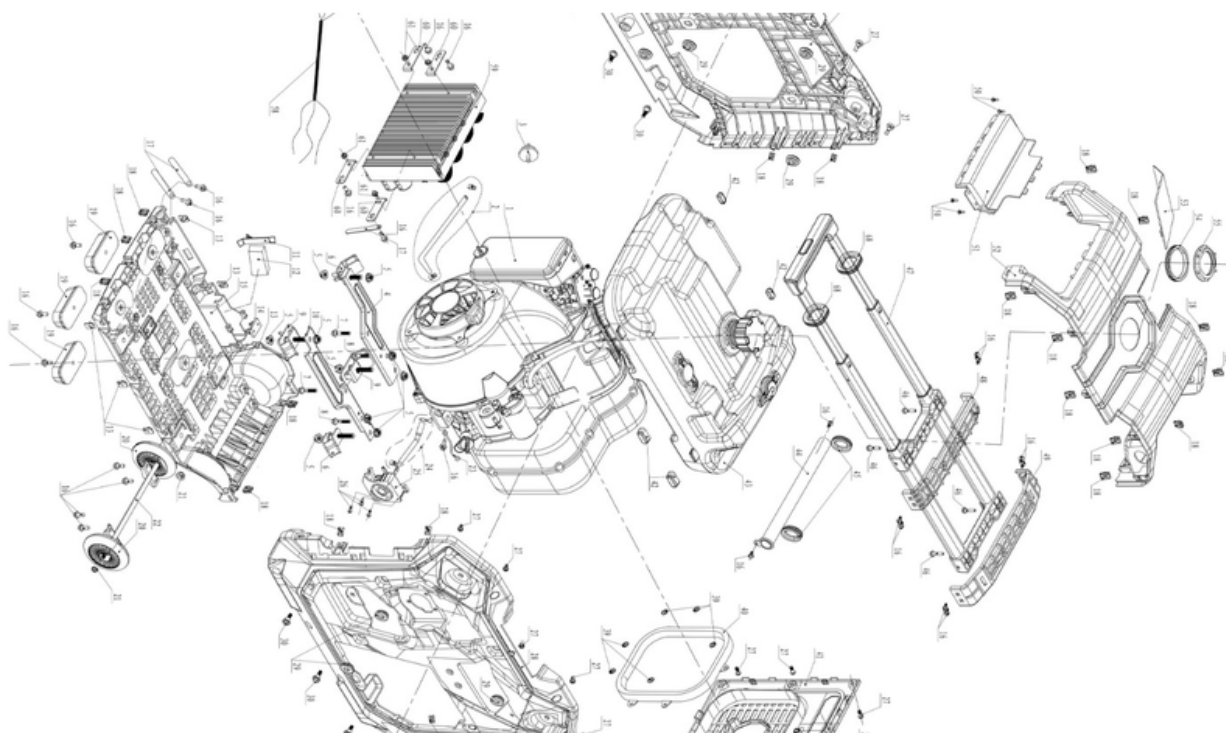
Overview of the GS5500i exploded view.

10.1. Upper detail



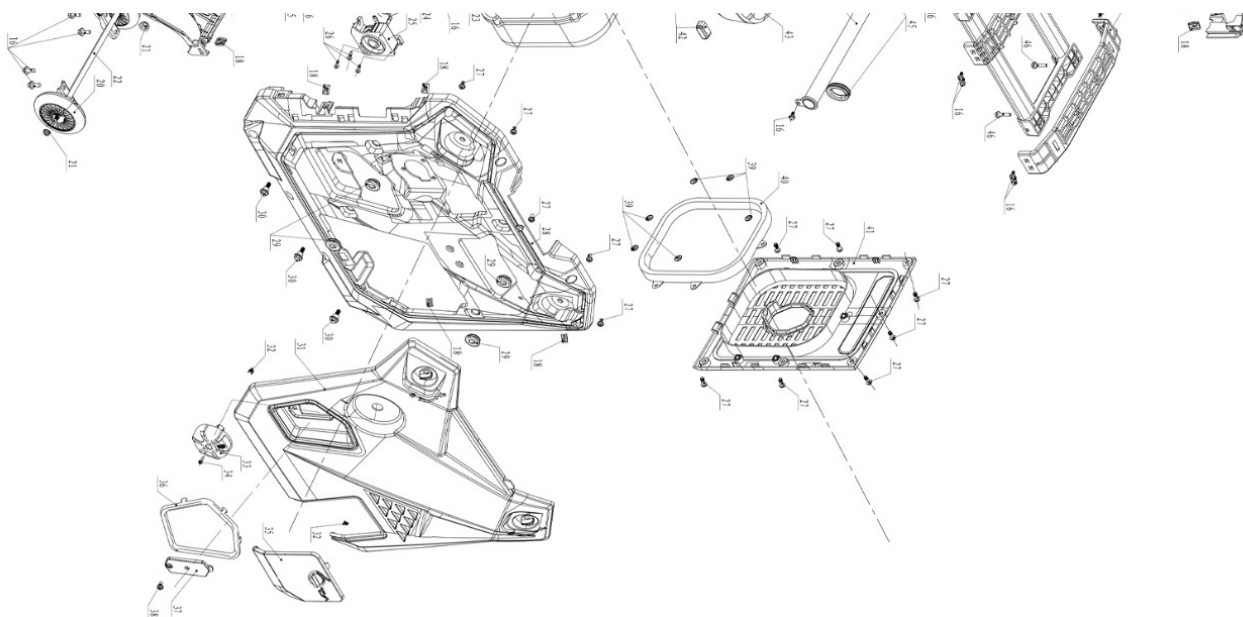
Enlarged detail: upper area of the exploded view.

10.2. Central detail



Enlarged detail: central area of the exploded view.

10.3. Lower detail



Enlarged detail: lower area of the exploded view.



IMPORTANT No part codes have been invented.
The Millasur spare-parts reference list is required
when placing orders.

1. CE CERTIFICATE

DISTRIBUTING COMPANY

MILLASUR, S.L.U
RUA EDUARDO PONDAL, Nº 23 P.I.SIGÜEIRO
15688 OROSO - A CORUÑA
ESPAÑA



EC DECLARATION OF CONFORMITY

In compliance with the applicable EC directives, it is hereby confirmed that, by virtue of its design and construction and the CE marking affixed by the manufacturer, the machine identified in this document complies with the relevant essential health and safety requirements of those EC directives. This declaration authorises the product to display the CE symbol.

If the machine is modified and the modification is not approved by the manufacturer and communicated to the distributor, this declaration will cease to be valid.

Machine designation: **INVERTER GENERATOR**

Model: **GS5500i**

Recognised and approved standards and directives with which it complies:

Directive 2006/42/EC

Directive 2014/30/EU

Tested in accordance with the standards:

EN ISO 8528-13:2016

EN 55012:2007+A1

EN IEC 61000-6-1:2019

Company stamp

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DATE

22/07/2026