



GTHi4500 HYBRID INVERTER GENERATOR

4500 WATT GENERATOR



Please ensure that you read this manual in full before using your machine and follow the maintenance and operation instructions carefully.

OPERATING INSTRUCTIONS

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Introduction

Your new GT POWER Generator will more than satisfy your expectations. It has been manufactured under stringent quality standards to meet superior performance criteria. You will find your new tool easy and safe to operate, and, with proper care, it will give you many years of dependable service.



CAUTION: Carefully read through this entire Instruction Manual before using your new GT POWER Generator. Take special care to heed the Cautions and Warnings.

Your generator has many features that will make your job faster and easier. Safety, performance, and dependability have been given top priority in the development of this tool, making it easy to maintain and operate.

Environmental Protection

Recycle unwanted materials instead of disposing of them as waste. All tools, hoses and packaging should be sorted, taken to the local recycling centre and disposed of in an environmentally safe way.



Scope Of Product

This product is suited for home and camping, back-up power, rural and commercial applications.

Description Of Symbols

The rating plate on your tool may show symbols. These represent important information about the product or instructions on its use.



Wear hearing protection.
Wear eye protection.
Wear breathing protection.



Conforms to relevant standards for electromagnetic compatibility.

Specifications

Engine	OHV 160cc 4 Stroke
Rated Power (Petrol & Batteries):	3.9kW
Max Power (Petrol & Batteries):	4.5kW
Rated Power (Petrol Only):	3.5kW
Max Power (Petrol Only):	4.0kW
Start System:	Recoil / Electric start via Powertool battery (sold separately)
Outlets:	2 x 15A AC 230V , 1 x 8.3A DC 12V , 1 x USB
2 Wire Start:	Yes
Weight (dry):	25.7kg
Dimensions:	485 x 285 x 455mm
Oil Capacity:	SAE 10W/30 450ML
Fuel Capacity:	3.15L

Safety Information

Personal and property safeties of you and others are very vital. Please read the Safety Warning in the User's Manual and the decals of the generator set carefully.

The Safety Warning can alert you to those potential hazards that could harm you and others. In front of each Safety Warning, there is one of four words "**DANGER**", "**WARNING**", "**ATTENTION**", and "**CAREFUL**". Details are as follows:

DANGER

Failure to follow the instruction will result in being in peril of your life or extremely serious injury.

WARNING

Failure to follow the instruction will result in being in peril of your life or very serious injury.

CAREFUL

Failure to follow the instruction will result in minor injury.

ATTENTION

Failure to follow the instruction will result in the damage to your generator set and other properties.

SAFETY PRECAUTIONS

 DANGER

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



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



Only use **OUTSIDE** and far away from windows, doors, and vents.

WARNING

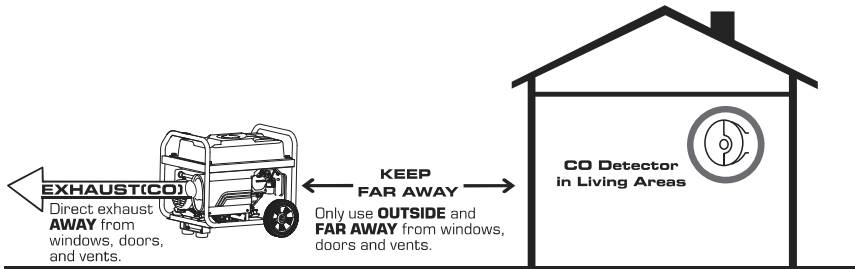
Engine exhaust contains carbon monoxide, a poisonous gas that could kill you in minutes. You **CANNOT** smell it, see it, or taste it. Even if you do not smell exhaust fumes, you could still be exposed to carbon monoxide gas.

- Operate this product **ONLY** outside far away from windows, doors and vents to reduce the risk of carbon monoxide gas from accumulating and potentially being drawn towards occupied spaces.
- Install battery-operated carbon monoxide alarms or plug-in carbon monoxide alarms with battery back-up according to the manufacturer's instructions. Smoke alarms cannot detect carbon monoxide gas.
- **DO NOT** run this product inside homes, garages, basements, crawlspaces, sheds, or other partially-enclosed spaces even if using fans or opening doors and windows for ventilation. Carbon monoxide can quickly build up in these spaces and can linger for hours, even after this product has shut off.
- **ALWAYS** place this product downwind and point the engine exhaust away from occupied spaces. If you start to feel sick, dizzy, or weak while using this product, shut it off and get to fresh air **RIGHT AWAY**. See a doctor. You may have carbon monoxide poisoning.
- If you start to feel sick, dizzy or weak while using the portable generator, you may have carbon monoxide poisoning. Get out side to fresh air immediately and emergency medical assistance.. Very high levels of CO can rapidly cause victims to lose consciousness before they can rescue themselves. **DO NOT** attempt to shut off the generator before moving to fresh air. Entering an enclosed space where a generator is or has been running may put you at greater risk of CO poisoning.

CORRECT USAGE

Example location to reduce risk of carbon monoxide poisoning

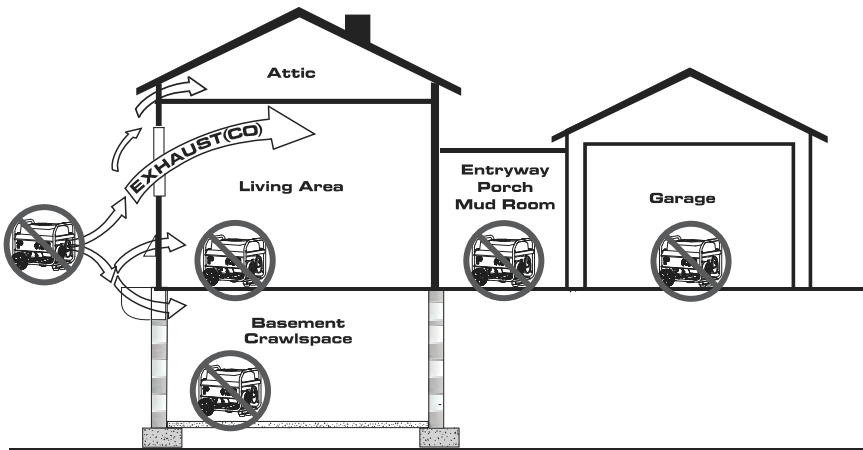
- ONLY use outside and downwind, far away from windows, doors and vents.
- Direct exhaust away from occupied spaces.



INCORRECT USAGE

Do not operate in any of the following locations:

- Near any door, window or vent
- Garage
- Basement
- Crawl Space
- Living Area
- Attic
- Entry Way
- Porch
- Mudroom



BEFORE USING THE GENERATOR

- In order to operate the generator correctly, be familiar with the operation of the various components and master the method of shutting down the generator quickly.
- Without proper instructions and directions, no one is allowed to operate this machine. It is strictly prohibited for newborns, young children, the elderly, people with disabilities, and other vulnerable groups to operate. Otherwise, it will become a cause of serious accidents and machine damage.
- Never use the generator to power medical support equipment.
- Please never modify the generator.
- Please do not use in rain or in areas with water. There is a risk of electric shock when using generators and connected appliances that have been soaked in rain or water, or when operating with wet hands.
- Please never connect wires from the power company. It can cause malfunctions in the machine and connected electrical equipment, becoming the cause of fire or personal accidents.
- The use of generators has laws and regulations, please comply with labor safety and health regulations, fire protection laws, electrical industry laws, etc.
- Please do not connect parallel operation terminals except for dedicated wires. There is a risk of electric shock.

WHEN ADDING OR DRAINING GASOLINE

Turn the generator engine OFF and let it cool for at least 2 minutes before removing the fuel cap. Loosen the cap slowly to relieve pressure in the tank.

- Fill or drain fuel tank outdoors.
- DO NOT overfill the tank. Allow space for fuel expansion.
- If fuel spills, wipe it up and let the area dry before starting the engine.
- Keep fuel away from sparks, open flames, heat, and other ignition sources.

- Check fuel lines, tank, cap, and fittings frequently for cracks or leaks; replace if necessary.
- DO NOT light a cigarette or smoke anything.

WHEN STARTING EQUIPMENT

- Ensure spark plug, muffler, fuel cap, and air cleaner are in place.
- DO NOT crank engine with spark plug removed.

WHEN OPERATING EQUIPMENT

- DO NOT operate this product inside any building, carport, porch, mobile enclosure, marine applications, or shed.
- DO NOT tip engine or equipment at an angle that causes fuel to spill.
- DO NOT stop the engine by moving the choke control the to "Start" position.
- DO NOT exceed the generator's wattage capacity.
- Start the generator and the let engine stabilize before connecting electrical loads.
- Connect electrical loads in the OFF position, then turn ON for operation.
- Turn electrical loads OFF and disconnect from the generator before stopping the generator.

ATTENTION

Improper treatment of the generator could damage it and shorten its life.

- Use generator only for intended applications.
- If you have questions about intended use, ask a dealer.
- Operate generator only on solid, level surfaces.
- DO NOT expose the generator to excessive moisture, dust, dirt, or corrosive vapors.
- DO NOT insert any objects through cooling slots.
- If connected devices overheat, turn them off and disconnect them from the generator.

PARALLEL KIT PRECAUTIONS

To prevent serious injury, death and damage to generators and/or equipment due to electric shock and fire:

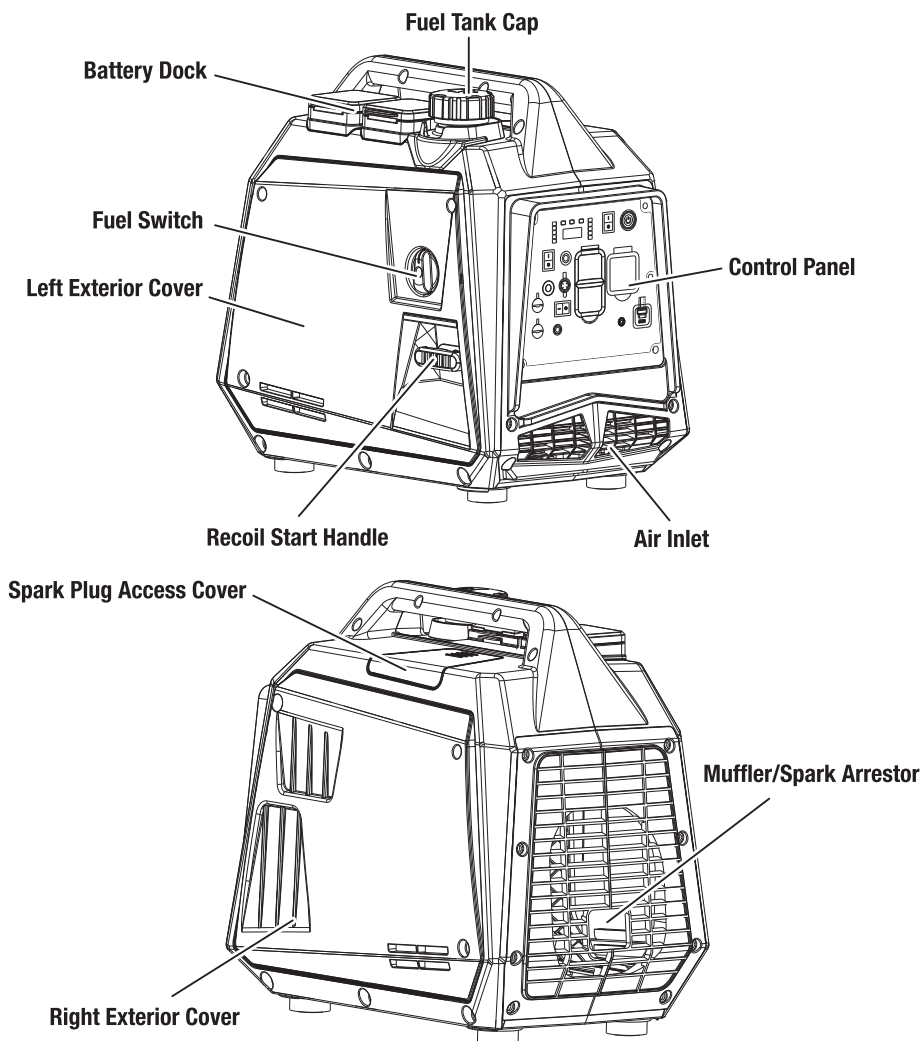
- Follow Parallel Kit instructions provided with Kit for connection and use of a Parallel Kit.
- Only connect two identical Inverter Generators together using a Parallel Kit.
- Connect Parallel Kit only to terminals marked "Parallel Outlets" on the front of the Generator.
- Do not remove or connect a Parallel Kit while the Generator is running.
- Do not use a Parallel Kit that is attached to only one Generator.

SAFETY PRECAUTIONS FOR GASOLINE AND GASOLINE VAPOR

- Fire and explosion hazard. Gasoline is highly explosive and flammable and can cause severe burns or death.
- Fire and Burn Hazard. NEVER loosen or remove the fuel cap while the generator is running. Turn the unit off and allow it to cool for at least five minutes before adding gasoline. Loosen the fuel cap slowly.
- In case of a gasoline fire, do not attempt to extinguish the flame unless the engine/fuel control switch is in the OFF position. Introducing an extinguisher to a generator with an open fuel valve could create an explosion hazard.

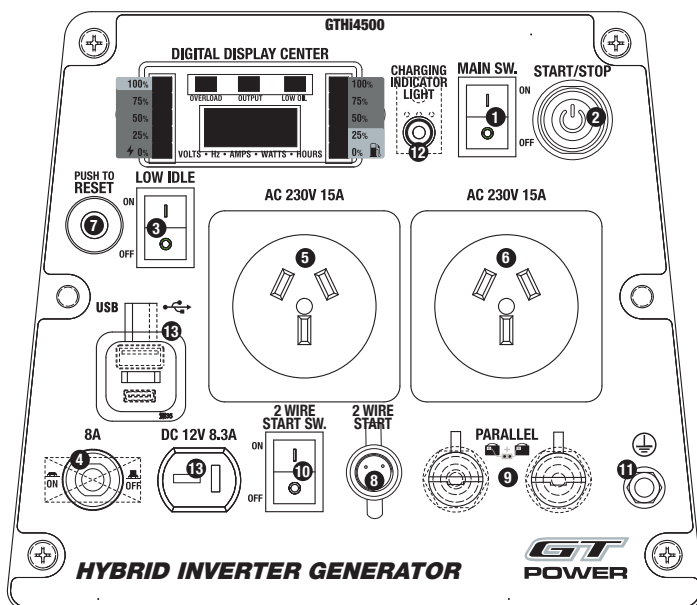
Name Of Components

Before operating your generator, you must read and understand the manual and familiarize yourself with the safe operation practices.



STATEMENT: The illustrations used in this manual are intended as representative reference views only.

Control Functions



CONTROL PANEL FEATURES

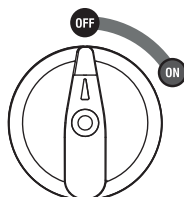
- ① **Main Switch:** Manage battery power and shutdown.
Tip: If you do not use the generator for more than 7 days (168 hours), please press the main switch to the "OFF" position, which can prevent the battery from running out.
- ② **Start/Stop Button:** Press this button, the engine can start and stop.
- ③ **Low Idle:** When turned to the ON position, the engine will sense the load needed and run at a slower RPM to save fuel.
- ④ **Circuit Breaker:** If the generator is overload, the circuit breaker will trip to block current.
- ⑤ **230V AC 15A 5-20R Outlet:** The outlet is capable of carrying a maximum of 20 amps.
- ⑥ **230V AC 15A L5-30R Outlet:** The outlet is capable of carrying a maximum of 30 amps.
- ⑦ **Reset:** If the generator is overloaded, the reset breaker will trip. The engine will continue to run, but there will be no output from the generator. Unplug the devices and reduce the load. Push in the reset breaker to reset it.
- ⑧ **AUTO GEN START:** The communication interface for automatically starting and stopping the generator. Used to connect equipment with automatic start stop function.
- ⑨ **Parallel Connectors:** To increase AC power output, the connector sockets are used to connect the two same type generators with special parallel cable. The connector sockets are only used to connect two inverter generators. They can not be used for AC power output.
- ⑩ **AUTO GEN START SW.:** When this switch is in the ON state, it is not possible to start the generator set using buttons, remote control, or recoil. The generator set will only automatically start/stop the generator based on the battery level. Alternatively, connect an intelligent control device to allow external devices to control the start/stop of the generator.
- ⑪ **Ground Terminal:** The ground terminal is used to externally ground the inverter.
- ⑫ **Charging Indicator Light:** When the battery is charging, the red indicator light will light up. During the battery charging process, the generator will reduce its rated power by about 200W, and attention should be paid to the distribution of load power.
- ⑬ **USB Duplex:** 5V DC, type-A and type-C connectors.

Note: The product you purchased may not have these configurations, please refer to the actual product.

Fuel Switch

OFF - Turn off fuel supply

ON - Open the fuel channel and the engine can start normally.



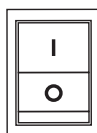
FUEL SWITCH

Main Switch (Engine Switch)

OFF - Ignition circuit is off, the engine stopped running.

ON - Ignition circuit is on, the start the engine.

MAIN.SW



ON

OFF

Start/Stop Switch

Press this button, the engine can start and stop.

START/STOP



Remote Control

OFF - Generator outage.

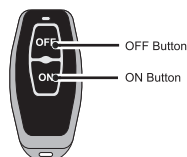
ON - Generator operation.

Remote Control Pairing:

1. Long press the start button for more than 5 seconds until the button red indicator is on;

2. Press any key on the remote control;
3. The red indicator of the start button will blink two or three times and then turns off, Remote start pairing is successful.

Tip: The remote control delivered with the generator has been paired successfully.



Oil Indicator (red)

INDICATOR LIGHT

LOW OIL OVERLOAD OUTPUT



When the oil in the crankcase drops below safety line, oil protection system will automatically shut down the engine, and low oil indicator lights up; the engine can be restarted up only after the oil is filled to oil level.

Overload Indicator (red)

INDICATOR LIGHT

LOW OIL OVERLOAD OUTPUT



When the overload indicator lights up, the generator has detected that the output of connected electrical equipment has been overloaded, causing frequency converter to be overheated or AC voltage to rise. At this moment, AC protector works and stops generating, to protect the generator and connected electrical equipment. AC indicator (green) is off and overload indicator (red) lights up, but the engine will not stop running.

When overload indicator is on and the generator has no output, please take following counter measures:

- ① Switch off electrical equipment connected, and shut down the generator.

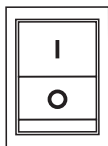
- ② Reduce total power of electrical equipment connected to the range of rated output.
- ③ Check whether there is any foreign matter blocking in cooling air inlet, and whether there is any abnormality in related control components. If there is any problem, eliminate it immediately.
- ④ After checking, restart the engine.

Output Indicator (green)

The AC indicator lights when the engine is started and output normally.

Energy-Saving Switch (LOW IDLE)

LOW IDLE



ON

OFF

1) "ON"

When energy saving switch is switched to "ON" position engine speed is reduced when the generator is under light load. This feature will reduce fuel consumption and noise.

2) "OFF"

When the energy saving switch is set to the "OFF" position, the engine will run at rated speed, regardless of connected load.

Reset

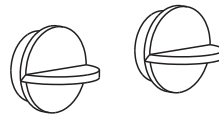
If the inverter is overloaded, the reset breaker will trip. The engine will continue to run, but there will be no output from the inverter. Unplug the devices and reduce the load. Push in the reset breaker to reset it.

RESET



Parallel Connector

To increase AC power output, the connector sockets are used to connect the two same type generator with special paralleling cords. The connector sockets is only used to the communication between the inverters, they can not used for AC power output. The special paralleling cords shall be purchase separately, and they shall be approved by certification body.



PARALLEL CONNECTOR

AC Circuit Breaker

If the total AC load exceeds the rated current, the AC circuit breaker will open (trip) and the button will pop out. In this case disconnect all loads, restart the generator and push in the AC circuit breaker(s).

ON/RUN
OFF/RESET



CIRCUIT
BREAKER

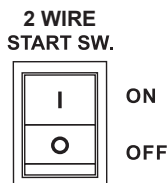
Ground Terminal

The ground terminal is used to externally ground the generator.



AUTO GEN START Switch

Connect the automatic start/stop device to the communication interface "AUTO GEN START" through the automatic start/stop connection line, and press this switch to the ON position. The generator will be controlled by an external device with automatic start/stop function. After enabling this feature, the start button and remote start/stop button will be disabled.



AUTO GEN START

The communication interface for automatically starting and stopping the generator. Used to connect equipment with automatic start stop function.



Charging Indicator Light

When the battery is charging, the red indicator light will light up. During the battery charging process, the generator will reduce its rated power by about 200W, and attention should be paid to the distribution of load power.

CHARGING INDICATOR LIGHT



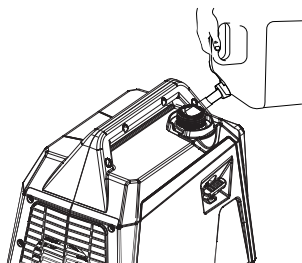
⚠ CAREFUL

This engine is equipped with a low oil shut-off and will stop when the oil level in the crankcase falls below a critical level.

ADD GASOLINE**⚠ WARNING**

TO PREVENT SERIOUS INJURY FROM FIRE: Fill the gasoline tank in a well-ventilated area away from ignition sources. If the engine is hot from use, shut the engine off and wait for it to cool before adding gasoline. Do not smoke.

1. Make sure the generator is on a solid, flat, level surface.
2. Unscrew the fuel cap and set it aside.
3. Slowly add gasoline to the fuel tank. Be careful not to overfill. The fuel gauge on the top of the fuel tank indicates how much gasoline is in the generator fuel tank.



4. Replace the fuel cap and wipe up any spilled gasoline with a dry cloth then remove the cloth from the area.

⚠ DANGER

Do not overfill the gasoline the tank. Overfilling can result in a fire, explosion, or death.

⚠ WARNING

Gasoline can expand. Do not fill the gasoline tank to the top. Leave a minimum of 1.5 inches open space. Gasoline fumes are highly flammable. Do not fill the tank near an open flame. Always check for gasoline spills.

- To ensure the generator runs smoothly, only fresh, unleaded gasoline is used.
- Never use an oil/gasoline mixture. Never use old gasoline.
- Avoid getting dirt or water in the gasoline tank.
- Gasoline can age in the tank and make it hard to start the generator in the future.
- Never store generator for extended periods of time with gasoline in the tank.

Operation

GENERATOR LOCATION

⚠ WARNING

NEVER operate the generator inside any building, garage, basement, crawlspace, shed, or enclosure, including the generator compartment of a recreational vehicle.

NEVER operate or start the generator in the back of an SUV, camper, trailer, truck bed (regular sides, flat or other configuration), under staircases, stairwells, next to walls or buildings, or any other location that could limit airflow or trap exhaust.

DO NOT operate or store the generator in wet weather conditions such as rain or snow. Using a generator in wet conditions could result in serious injury or death due to electrocution.

Generators must have a minimum of 5 feet (1.5 m) of clearance from all combustible material.

Generators must also have a minimum of 5 feet (1.5 m) of airflow clearance on all sides to allow for adequate cooling, maintenance, and service.

Always place the generator in a well-ventilated area. **NEVER** place the generator near air intake vents or where exhaust fumes could be drawn into occupied or confined spaces.

Always carefully consider wind and air currents when positioning the generator.

Always allow generators to properly cool before transport or for storage purposes.

Failure to follow proper safety precautions may result in personal injury, damage to the generator, and void your warranty.

⚠ WARNING

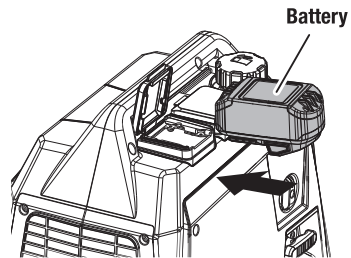
During operation, the muffler and exhaust fumes will become hot. If there is inadequate cooling space or if the generator is blocked or enclosed, temperatures can rise quickly and may lead to a fire.

STARTING THE GENERATOR

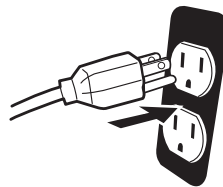
INDEPENDENTLY OUTPUT BATTERY POWER

1. Make sure the generator is on a solid, flat, level surface.
2. Disconnect all electrical loads from the generator. Never start or stop the generator with electrical devices plugged in or turned on.
3. Install the battery.

When starting the generator, at least one battery needs to be installed on the generator.



4. Press the Main Switch to "ON".
5. Connect the required equipment.



ATTENTION

When connected to the 18V battery and the main switch is turned on, all sockets on the panel will have output.

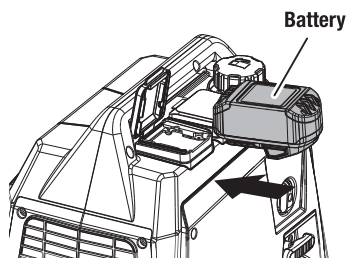
When the engine is not running, the maximum AC output of the battery only is 300W, mainly for emergency use.

START THE ENGINE

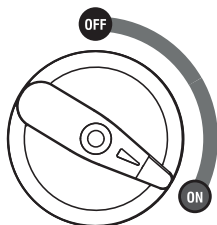
1. Make sure the generator is on a solid, flat, level surface.
2. Disconnect all electrical loads from the generator. Never start or stop the generator with electrical devices plugged in or turned on.
3. Install the battery.

When starting the generator, at least one battery needs to be installed on the generator.

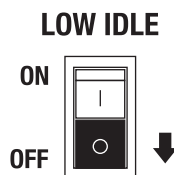
After inserting the battery, the rated power of the generator can be increased by 300 watts.



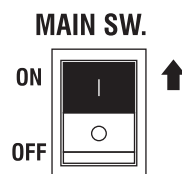
4. Turn the Fuel Switch to the "ON" position.



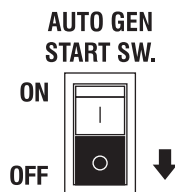
5. Press LOW IDLE to "OFF".



6. Press the Main Switch to "ON".

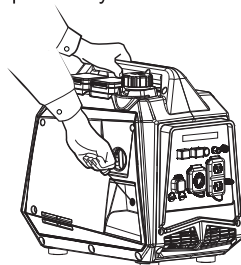


7. Check whether the AUTO GEN START Switch is in the "OFF" position.
If this switch is in the ON position, the start button and remote start/stop button will be disabled.

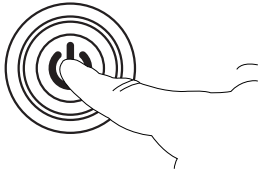


8. Choose the Starting Method

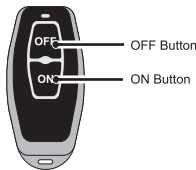
Recoil Start: Firmly grasp and pull the recoil handle slowly until you feel resistance, let it retract then pull swiftly.



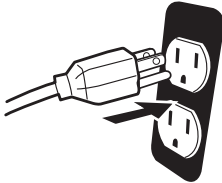
Push Button Start: Press the start button for 1-3 seconds, then release, to start the generator.



Remote Start: Push and hold the ON button on the remote start key fob for one second.



9. When the generator output stabilizes, you can safely connect loads to the control panel receptacles.



NOTE: Verify that all devices are turned off before connecting them to the generator.

NOTE: Make sure that the wattage requirements for all connected devices are in line with your generator's capabilities.

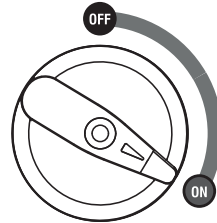
ATTENTION

The battery has been installed on the generator: The battery will enter a protection state if it discharges independently, or if the combined load of the battery and the generator exceeds the maximum power. In such cases, you should turn off the load, unplug the connector, shut down the generator, and remove the battery. After 5-10 minutes, the battery will return to its normal state, and then you can start the generator following the regular procedure.

BATTERY FREE MANUAL RECOIL START

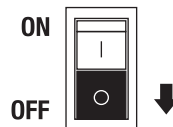
This starting method is for emergency use only. Use it to start the generator when the battery is dead, lost, or unavailable.

1. Make sure the generator is on a solid, flat, level surface.
2. Disconnect all electrical loads from the generator. Never start or stop the generator with electrical devices plugged in or turned on.
3. Turn the Fuel Switch to the "ON" position.



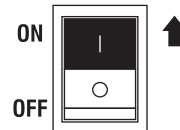
4. Press LOW IDLE to "OFF".

LOW IDLE

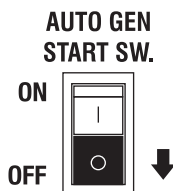


5. Press the Main Switch to "ON".

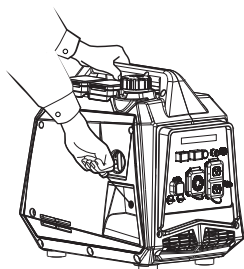
MAIN SW.



6. Check whether the AUTO GEN START Switch is in the "OFF" position.



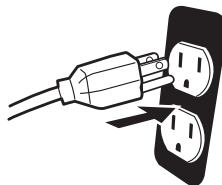
7. Firmly grasp and pull the recoil handle slowly until you feel resistance, let it retract then pull swiftly.



8. Note: on manual start, the choke is driven by a stepper motor, so you may need several pull attempts before there's enough energy generated to actuate the choke and get the engine started.

- if machine fails to start, try step 7 again.

9. When the generator output stabilizes, you can safely connect loads to the control panel receptacles.



NOTE: Verify that all devices are turned off before connecting them to the generator.

NOTE: Make sure that the wattage requirements for all connected devices are in line with your generator's capabilities.

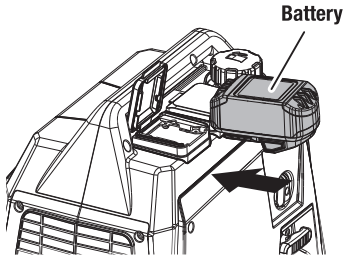
AUTOMATIC START/STOP GENERATOR

Both batteries and smart devices can automatically start this generator. Please carefully read the user manual that comes with the device before using this function.

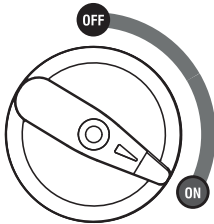
1. Make sure the generator is on a solid, flat, level surface.
2. Disconnect all electrical loads from the generator. Never start or stop the generator with electrical devices plugged in or turned on.

3. Install the battery.

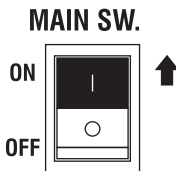
When starting the generator, at least one battery needs to be installed on the generator.



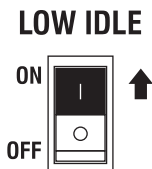
4. Turn the Fuel Switch to the "ON" position.



5. Press the Main Switch to "ON".

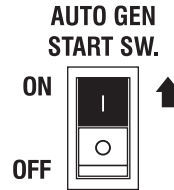


6. Press the LOW IDLE to "ON".



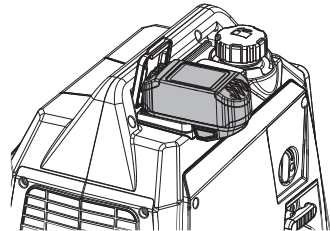
7. Check whether the AUTO GEN START Switch is in the "ON" position.

This switch is in the ON position, the start button and remote start/stop button will be disabled.



8. Automatic start generator.

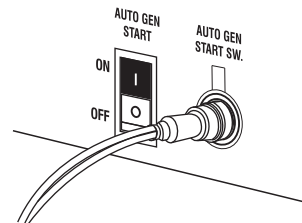
BATTERY: When the battery power is too low, the generator will start automatically to charge it.



INTELLIGENT CONTROL EQUIPMENT:

Connect the intelligent control device to the generator via the Automatic Start/Stop Cable. The device will control the start and stop of the generator.

(Intelligent control device kit sold separately)



NOTE: Please carefully read the user manual of other devices and consult qualified electricians or technicians.

Parallel Operation

The parallel connection ports allow you to connect two generators to increase the total available electrical power. Follow the instructions included with your parallel connection kit for proper installation and operation.

Overload Indicator

Note: The OVERLOAD light may turn on for a few seconds as a large device starts. This is normal for loads approaching the capacity of this generator.

1. The total combined load through the outlets on the generator must not exceed the running power of the unit.
2. If the OVERLOAD light turns on and the generator stops producing power, it has been overloaded.
3. Turn off and disconnect all electrical devices and stop the engine. Compare device requirements to generator rating and reduce the total wattage of connected devices if necessary. Move anything that may be limiting generator ventilation away.
4. Check if any circuit breakers have tripped and make sure that ALL circuit breakers are reset before starting the generator again.
5. Restart the engine and reconnect devices while being careful to not overload the generator.

Low Oil Indicator

1. If the engine oil level is too low, the LOW OIL light turns on and the engine will automatically shut off.
2. The engine cannot be restarted until the proper amount of oil has been added. Add the appropriate type of oil until the oil level is at the proper level. SAE 10W-30 oil is recommended for general use.

ATTENTION

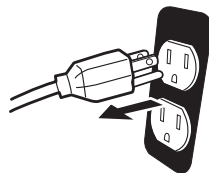
Do not run the engine with too little oil. Engine will shut off if engine oil level is too low.

Low Idle

1. Turn on a low idle mode to limit noise and fuel consumption with a light generator load.
2. Turn off the low idle mode to run the engine at full speed under the following conditions:
 - Starting the generator.
 - If the load exceeds 50%, it is recommended to turn off the low idle mode.

STOPPING THE GENERATOR

1. Turn off and unplug all connected electrical loads. Never start or stop the generator with electrical devices plugged in or turned on.

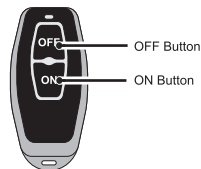


2. Select the Stopping Mode:

Button Stop: Press the button to turn off the generator.

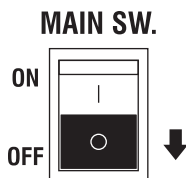


Remote Stop: Hold down the OFF button on the remote start key for one second.

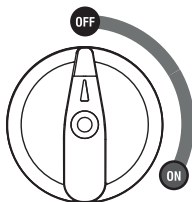


3. Press the Main Switch to "OFF".

If not used for more than 48 hours, please turn off the Main Switch.



4. Turn the Fuel Selector knob to the OFF position.



5. Remove or consume all untreated gasoline if you plan to store the generator longer than 3 months.
6. If the generator is not used for a long time, please disconnect the battery wiring.

7.

Using The Generator

SERVICE ENVIRONMENT OF THE GENERATOR

- Applicable temperature: 23°F(-5°C) ~ 104°F(40°C);
- Applicable humidity: below 95%;
- Applicable altitude: regions below 1,500 m (It shall be used by reducing power in regions above 1,000 m).

Standard atmospheric condition

- Ambient temperature Tr: 298k (77°F)(25°C)
- Relative air humidity Φr: 30%.
- Absolute atmospheric pressure Pr: 100kPa

When actual environmental condition is inconsistent with the condition of output power of the generator set:

- Every 41°F(5°C) of increase in ambient temperature will reduce the power of generator by about 2%
- Every 30% of increase in relative humidity of air will reduce the power of generator by about 1.5%
- Every 300 m rising of ASL will reduce the power the generator by about 4.5%

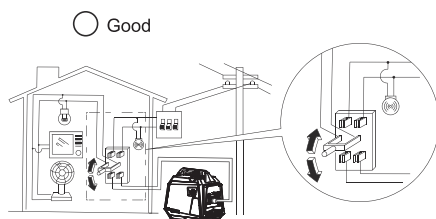
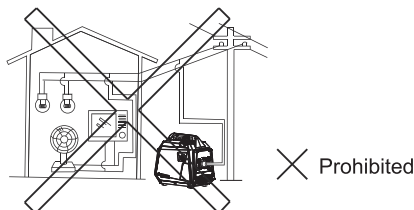
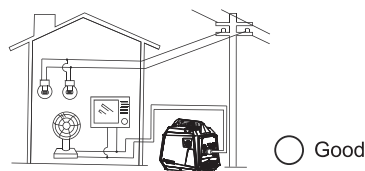
GENERATOR WIRING

- When the generator is connected to household power source as a backup power supply, the connection shall be carried out by a professional electrician or a person familiar with electricity.
- After connecting the load to the generator, check carefully whether electrical connection is safe and reliable. Improper electrical connection may cause generator damage, burning or fire.
- Avoid connecting this generator to commercial power outlet.
- When extending the cable, be sure not to exceed its length.

① 60m cross-section area is 1.5mm²

② 100m cross-section area is 2.5mm²

- The appearance of extension cable shall be protected by a layer of tough and elastic rubber cover (IEC25) or other substitutes.



Connection of AC power

⚠ WARNING

All electrical equipment shall be disconnected before inserting the plug.

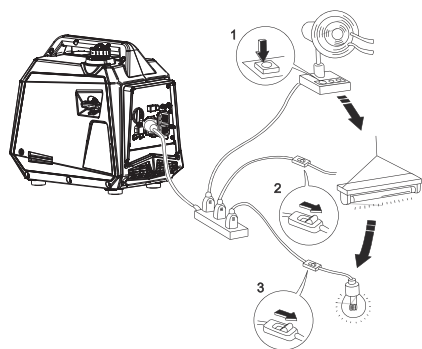
ATTENTION

- Make sure that all electrical equipment, including wires and plugs, are in good condition before connecting to the generator;
- Make sure that all loads driven by the generator are within rated load range;
- Make sure that load current is within rated current range of rated socket.

Tip: Make sure that the generator set is grounded, and if electrical equipment requires grounding, the generator set must be grounded.

- ① Start up the engine;
- ② Turn energy-saving switch to “ON” ;
- ③ Insert the plug into AC outlet;
- ④ Make sure that AC indicator is lit up;
- ⑤ Switch on electrical equipment.

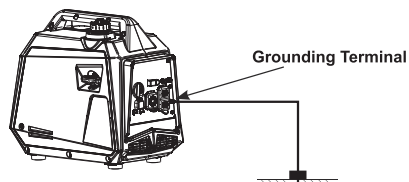
Tip: Before increasing engine speed, low idle switch must be switched to “OFF”. If the generator set supplies power to multi loads or electrical equipment, start from large to small according to the size of each electrical equipment.



Generator Grounding

In order to prevent any damage to the generator caused by electric shock or improper electrical application, it is recommended that the generator is grounded with good conductor with insulating sheath.

- ① Please use grounding wire with sufficient electrical energy capacity;
- ② Connect one end of grounding wire reliable to grounding bolt on control panel of the generator set;
- ③ Insert grounding body (iron rod with a diameter of 5 ~ 10mm) 200mm below into the earth and lead it out with conductor;
- ④ Connect the other end of the grounding wire reliable to the led wire of grounding body.



RANGE OF APPLICATION

Before using the generator, please make sure that total load is within rated load range of the generator, otherwise the generator may be damaged.

Tip:

- AC and DC can be used at the same time, but total power amount shall not exceed rated output power.
- When total power exceeds rated power, overload indicator will light up.

Service & Maintenance

Good maintenance and service is the best guarantee for safe, economical and reliable operation. It also contributes to environmental protection.

In order to keep the generator in good condition, you must inspect and maintain it regularly. The maintenance schedule is as follows:

Maintenance cycle		Each	First in 1 month or 20 hours	Then every three months or every 50 hours	100 hours per year or use
Item					
Engine oil	Check-fill	√			
	Replace		√	√	
Gearbox gear Oil (if any)	Check oil	√			
	Replace		√	√	
Air cleaner element	Inspection	√			
	Clean		√		
	Replace			√	
Settling cup (if any)	Clean				√
Spark plug	Clean-adjust				√*
Spark eliminator	Clean			√	
Idle speed (if any)**	Check-adjust				√
Valve clearance**	Check-adjust				√
Fuel tank and fuel filter***	Clean				√
Fuel line	Inspection	Every two years (Please replace if necessary)			
Cylinder head, piston	Remove carbon deposit**	Displacement < 225cc, every 125 hours; displacement capacity ≥ 225cc, every 250 hours.			
* These items shall be replaced if necessary;					
** These items shall be maintained by the dealer authorized by the Company, unless the user has proper tools and maintenance ability.					

ATTENTION

- If it often works under high temperature or high load, oil shall be changed every 25 hours;
- If it often works in dusty or harsh environment, air cleaner element shall be cleaned every 10 hours. If necessary, the air cleaner element shall be replaced every 25 hours;
- It shall be maintained on spot-inspection or on regularly scheduled inspections;
- If maintenance cycle time has elapsed, perform the maintenance as soon as possible as per the table above.

⚠ WARNING

Please shut down the engine first before performing any maintenance. The engine shall be placed in a horizontal position. In order to prevent the engine from starting up, separate spark plug cap shall be separated from spark plug.

Do not use it indoors or use it in a tunnel, cave or other places ventilated poorly. Make sure that work area is well ventilated. Exhaust gas from the engine contains toxic gases, carbon oxides, and the inhalation can cause shock, loss of consciousness, and even death.

CHECKING AND FILLING FUEL

⚠ WARNING

TO PREVENT SERIOUS INJURY FROM FIRE:

Fill the fuel tank in a well-ventilated area away from ignition sources. If the engine is hot from use, shut the engine off and wait for it to cool before adding fuel. Do not smoke.

1. Clean the Fuel Cap and the area around it.
2. Unscrew and remove the Fuel Cap.
3. Remove the strainer and remove any dirt and debris. Then replace the strainer.

Note: Do not use gasoline containing more than 10% ethanol (E10). Do not use E85 ethanol. Add a fuel stabilizer to the gasoline or the Warranty is VOID.

Note: Do not use gasoline that has been stored in a metal fuel container or a dirty fuel container. It can cause particles to enter the carburetor, affecting engine performance and/or causing damage.

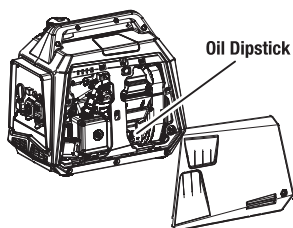
4. If needed, fill the Fuel Tank to about 1 inch under the fill neck with 87 octane unleaded gasoline that has been treated with a fuel stabilizer additive. Follow fuel stabilizer manufacturer's recommendations for use.
5. Replace the Fuel Cap.
6. Wipe up any spilled fuel and allow excess to evaporate before starting the engine. To prevent FIRE, do not start the engine while the smell of fuel hangs in the air.

ENGINE OIL CHANGE

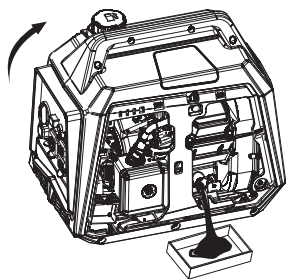
⚠ WARNING

Do not drain the oil immediately after turning off the generator. During operation, the oil is very hot and can cause serious burns.

1. Make sure the engine is stopped and is level.
2. Remove the right exterior cover.



3. Unscrew oil dipstick.
4. Place an oil pan under the engine, tilt the generator to quickly pour out oil.

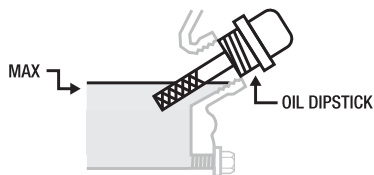


5. Wait for the oil to be completely drained and recycle the used oil. Wipe off any remaining engine oil from the bottom plate and oil drain port.

6. Add the appropriate type of oil until the oil level is at the proper level. SAE 10W-30 oil is recommended for general use.

Note: Make sure the generator is level when adding oil to prevent overfilling which could cause engine damage.

7. Check the oil level. The oil level should be just below the edge of the hole as shown.



8. Thread the oil dipstick back in clockwise and replace the maintenance cover.

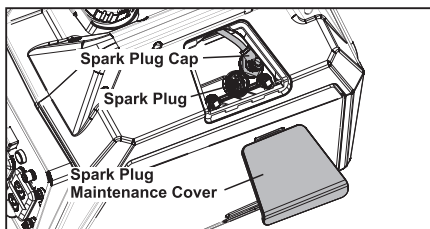
ATTENTION

Do not attempt to run the engine with too little oil. The engine will not start with low or no engine oil.

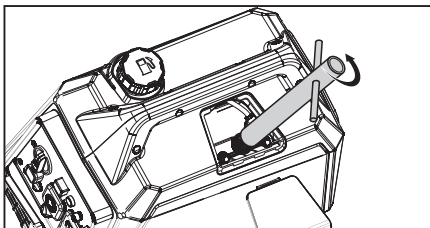
SPARK PLUG MAINTENANCE

Spark plug is an important part of the generator, which must be inspected regularly.

1. Remove Spark plug maintenance cover and spark plug cap of the generator.

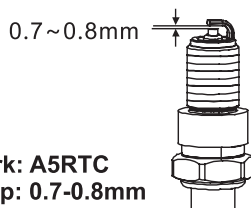


2. Insert the screwdriver into the sleeve, to screw it counterclockwise, and then remove the spark plug.



3. Inspect the Spark Plug: If the electrode is oily, clean it using a clean, dry rag. If the electrode has deposits on it, clean it with a brass wire brush. If the white insulator is cracked or chipped, replace the spark plug.

4. Check the model of spark plug and clearance.



Tip: The spark plug clearance is required to be measured by line thickness gauge, which shall be adjusted if necessary.

5. Installation of spark plug.

Spark cold torque: 12.5 N.m

Tip: If there is no torque wrench when installing the spark plug, a better estimation method is to screw it 1/4-1/2 turns by force after screwing it in place, but the spark plug shall be screwed to specified torque as soon as possible.

ATTENTION

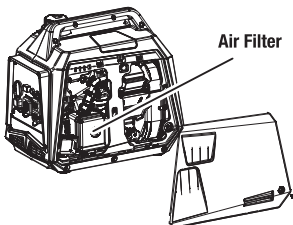
Tighten the Spark Plug properly. If loose, the Spark Plug will cause the engine to overheat. If over tightened, the threads in the engine block will get damaged.

6. Replace Spark Plug Cap and maintenance cover.

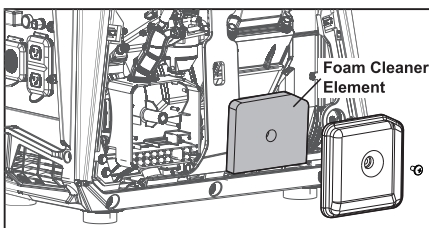
AIR FILTER

Dirty air cleaner may prevent air from flowing into the carburetor. In order to prevent failure of the carburetor, please maintain air cleaner regularly. If being used in a dusty environment, it shall be maintained frequently.

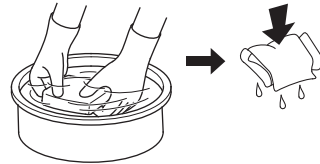
1. Loosen the bolt and remove the right exterior cover plate.



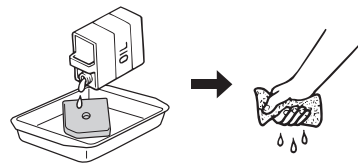
2. Remove screws, to remove cover plate of air cleaner.
3. Remove foam cleaner element.



4. Clean the components with cleaning agent. After cleaning, wrap the components in a cloth and screw them dry.



5. Drip a few drops of oil to foam filter element and squeeze off excess oil. The foam cleaner element shall be wet, but there shall not be oil dripping.



ATTENTION

Be sure not to twist the foam cleaner element forcibly to avoid damage.

6. Put foam cleaner element into air cleaner.

Tip: Make sure that the surface of foam cleaner element is in close contact with air cleaner, and there shall be no gap leaking air.

7. Reassemble empty air cleaner cap back to original position, and tighten screws.
8. Reinstall the maintenance door.

ATTENTION

Be sure not to start the engine before air cleaner is assembled, because it will generate excessive toxic gas and wear the cylinder.

SPARK ARRESTOR MAINTENANCE

⚠ WARNING

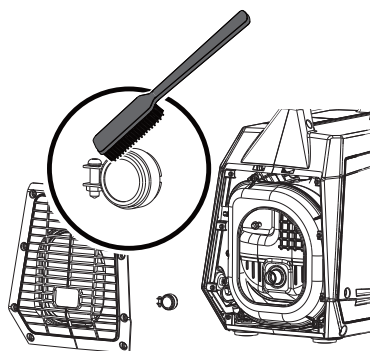
TO PREVENT SERIOUS INJURY AND FIRE:

Operate only with proper spark arrestor installed.

⚠ WARNING

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

1. Allow the generator to cool completely.
2. Remove the Screws from the back of the generator.
3. Remove the Tail Pipe and Spark Arrestor.
4. Clean the Spark Arrestor using a wire brush (sold separately). Replace the arrestor if damaged.



⚠ WARNING

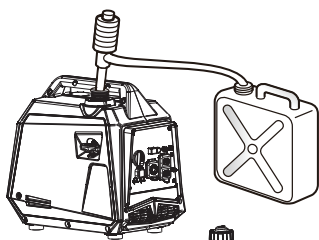
TO PREVENT SERIOUS INJURY FROM ACCIDENTAL BRUSH FIRE, secure Spark Arrestor back in place immediately after cleaning and before further operation.

Storage & Transport

GENERATOR STORAGE

If it is stored long-term, in order to prevent aging, you shall take some storage measures.

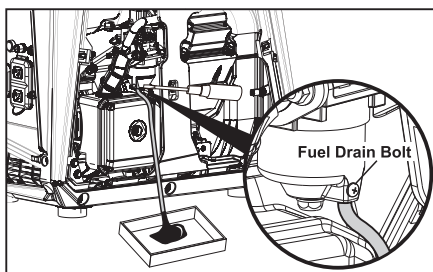
1. Turn off the generator.
2. Open fuel tank cap, to take out fuel filter screen. Pump all fuel in fuel tank into special fuel tank, and then reassemble fuel tank cap back.



3. Start up the engine to burn off fuel in the carburetor, and then shut it down.

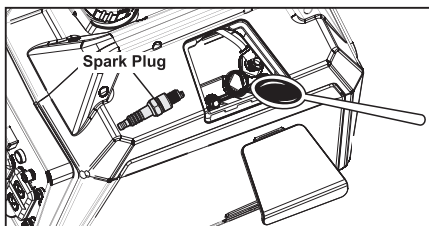
Tip: Do not connect any electrical equipment. Running time of the engine depends on remaining fuel in the fuel tank.

4. Unscrew fuel drain bolt on the carburetor, and drain fuel in the carburetor into special fuel tank. Tighten fuel drain bolt.



5. Unscrew oil dipstick, and drain oil in the crankcase off. Fill new oil to upper oil limit, and then assemble oil dipstick.

6. Remove the spark plug and pour 5-10ml of clean oil into the combustion chamber. Turn the crankshaft a few times to distribute the oil, then reassemble the spark plug.



7. Gently pull startup handle until you feel resistance, allowing both inlet valve and exhaust valve to be closed.
8. Place the generator set in a clean and dry area.

GENERATOR TRANSPORT

- When the generator set is transported, it shall be ensured that there is no fuel spilling.
- Do not fill excessive fuel into fuel tank.
- Do not run the generator, and avoid direct sunlight.
- Do not transport the generator set on rough road for long time.

PREPARATION FOR USE AFTER STORAGE

1. Slowly pull the starter cord a few times to clean oil from the cylinder or to eject any pump protector from the pump which may have been added prior to storage.
2. Remove the spark plug from the cylinder. Wipe oil from the spark plug and return it to the cylinder and re-tighten.
3. Reconnect the spark plug wire.
4. Refuel engine per earlier instructions in this manual.

Troubleshooting

Problem	Possible Causes	Probable Solutions
Engine will not start	FUEL RELATED: - No fuel in tank or fuel valve closed. - Choke not in START position, cold engine. - Gasoline with more than 10% ethanol used. (E15, E20, E85, etc.) - Low quality or deteriorated, old gasoline. - Carburetor not primed. - Dirty fuel passageways. - Carburetor needle stuck. Fuel can be smelled in the air. - Too much fuel in chamber. This can be caused by the carburetor needle sticking. - Clogged Fuel Filter.	FUEL RELATED: - Fill fuel tank with fresh 87+ octane stabilizer-treated unleaded gasoline and open fuel valve. Do not use gasoline with more than 10% ethanol (E15, E20, E85, etc.). - Move Choke to START position. - Clean out ethanol rich gasoline from fuel system. Replace components damaged by ethanol. Use fresh 87+ octane stabilizer-treated unleaded gasoline only. Do not use gasoline with more than 10% ethanol (E15, E20, E85, etc.). - Use fresh 87+ octane stabilizer-treated unleaded gasoline. Do not use gasoline with more than 10% ethanol (E15, E20, E85, etc.). - Pull on Starter Handle to prime. - Clean out passageways using fuel additive. Heavy deposits may require further cleaning. Gently tap side of carburetor float chamber with screwdriver handle. - Turn Choke to RUN position. Remove spark plug and pull the start handle several times to air out the chamber. Reinstall spark plug and set Choke to START position. - Replace Fuel Filter.
	IGNITION (SPARK) RELATED: - Power Switch at OFF position. - Spark plug cap not connected securely. - Spark plug electrode wet or dirty. - Incorrect spark plug gap. - Spark plug cap broken. - Circuit breaker tripped (electric start models only). - Incorrect spark timing or faulty ignition system.	IGNITION (SPARK) RELATED: - Turn Power Switch to ON. - Connect spark plug cap properly. - Clean spark plug. - Correct spark plug gap. - Replace spark plug cap. - Reset circuit breaker. Check wiring and starter motor if breaker continues to trip. - Have qualified technician diagnose/repair ignition system.
	COMPRESSION RELATED: - Cylinder not lubricated. Problem after long storage periods. - Loose or broken spark plug. (Hissing noise will occur when trying to start.) - Loose cylinder head or damaged head gasket. (Hissing noise will occur when trying to start.) - Engine valves or tappets mis-adjusted or stuck.	COMPRESSION RELATED: - Pour tablespoon of oil into spark plug hole. Crank engine a few times and try to start again. - Tighten spark plug. If that does not work, replace spark plug. If problem persists, may have head gasket problem, see #3. - Tighten head. If that does not remedy problem, replace head gasket. - Have qualified technician adjust/repair valves and tappets.
	ENGINE OIL RELATED: - Low engine oil. - Engine mounted on slope, triggering low oil shutdown.	ENGINE OIL RELATED: - Fill engine oil to proper level. Check engine oil before EVERY use. - Operate engine on level surface. Check engine oil level.
	SPARK ARRESTOR RELATED: Spark Arrestor clogged with soot.	SPARK ARRESTOR RELATED: Clean and replace Spark Arrestor.



Follow all safety precautions whenever diagnosing or servicing the generator or engine.

The table is a general troubleshooting method. If the fault is inconsistent with the table or the fault cannot be resolved, contact the distributor.

Problem	Possible Causes	Probable Solutions
Engine misfires	- Spark plug cap loose. - Incorrect spark plug gap or damaged spark plug. - Defective spark plug cap. - Old or low quality gasoline. - Incorrect compression.	- Check cap and wire connections. - Re-gap or replace spark plug. - Replace spark plug cap. - Use only fresh 87+ octane stabilizer-treated unleaded gasoline. Do not use gasoline with more than 10% ethanol (E15, E20, E85, etc.). - Diagnose and repair compression. (Use Engine will not start: COMPRESSION RELATED section.)
Engine stops suddenly	- Carbon Monoxide level high. Red light on Carbon Monoxide Sensor illuminates. - CO Sensor Alarm flashes yellow continually shortly after starting. - CO Sensor Alarm flashes yellow continually after longer period of operation. - Low oil shutdown. - Fuel tank empty or full of impure or low quality gasoline. - Defective fuel tank cap creating vacuum, preventing proper fuel flow. - Faulty magneto. - Disconnected or improperly connected spark plug cap.	- Leave area immediately and allow area to ventilate thoroughly. Only operate generator outside. - Carbon monoxide sensor malfunction. Sensor needs service. Do not use the Generator until the sensor is working properly. - Make sure to operate generator within rated ambient temperature; maintain minimum 5 ft. clearance from all sides. - Fill engine oil to proper level. Check engine oil before EVERY use. - Fill fuel tank with fresh 87+ octane stabilizer treated unleaded gasoline. Do not use gasoline with more than 10% ethanol (E15, E20, E85, etc.). - Test/replace fuel tank cap. - Have qualified technician service magneto. - Secure spark plug cap.
Engine stops when under heavy load	- Dirty air filter - Engine running cold.	- Clean element. - Allow engine to warm up prior to operating equipment.
Engine knocks	- Old or low quality gasoline. - Engine overloaded. - Incorrect spark timing, deposit buildup, worn engine, or other mechanical problems.	- Fill fuel tank with fresh 87+ octane stabilizer-treated unleaded gasoline. Do not use gasoline with more than 10% ethanol (E15, E20, E85, etc.). - Do not exceed equipment's load rating. - Have qualified technician diagnose and service engine.
Engine backfires	- Impure or low quality gasoline. - Engine too cold. - Intake valve stuck or overheated engine. - Incorrect timing.	- Fill fuel tank with fresh 87+ octane stabilizer-treated unleaded gasoline. Do not use gasoline with more than 10% ethanol (E15, E20, E85, etc.). - Use cold weather fuel and oil additives to prevent backfiring. - Have qualified technician diagnose and service engine. - Check engine timing.
Attached device doesn't have power	- Device not plugged in properly. - Circuit Breaker tripped. - Product needs service.	- Turn off and unplug the device, then plug it back in again and turn on. - Turn off and unplug device, reset Circuit Breaker, plug in device and turn on. - Have product repaired.
Attached device begins to operate abnormally	- Problem with device. - Rated load capacity exceeded.	- Immediately unplug device. Have device repaired by a qualified technician, or replace device. - Lower the number of items plugged into the generator to stay within the rated capacity, or use a more powerful generator.



Follow all safety precautions whenever diagnosing or servicing the generator or engine.

The table is a general troubleshooting method. If the fault is inconsistent with the table or the fault cannot be resolved, contact the distributor.

Technical Parameters

Engine Model	165F/P-1
Valve Clearance	Input valve: 0.03~0.08mm, Output valve: 0.03~0.08mm
Bore × Stroke (mm)	65×48
Engine Type	4-stroke
Displacement (cc)	160
Gas Distribution Mode	OHV
Cooling Mode	Forced Cooling Wind
Rated Speed (RPM)	4850
Starting Method	Recoil Start / Electrical Start / Remote Start
Fuel Tank Volume (gal)	0.83(3.15L)
Fuel Type	Gasoline
Lubricating Oil Capacity (gal)	0.12(0.45L)
Lubricating Oil Model	SAE 10W/30
Rated Power Factor	1
Phase Number	Single Phase
Overall Dimension (in.)	19.1×11.2×17.9(485×285×455mm)
Net Weight (lb.)	56.7 (25.7kg)

DISCLAIMERS

All information, illustrations, and specifications in this manual are valid at the time of publication. The illustrations and parameters used in this manual are only for representative reference. Our company reserves the right to make any specifications or design changes without prior notice.

Warranty

As part of an on-going commitment to excellence in product support, Euroquip offers a comprehensive product warranty program.

1. THIS WARRANTY:

The benefits provided to the consumer in this warranty are in addition to other rights and remedies of a consumer under the New Zealand Consumer Guarantees Act 1993 and any other laws in relation to the products to which this warranty relates. This warranty:

- Covers the product against faulty materials or workmanship; and
- Covers the replacement of parts, the repair labour used, a refund of the price of the product or replacement of the machine, or other compensation for the remainder of the warranty period.

This product warranty is only applicable to the original purchaser of the machine and only purchases made from Euroquip Authorized Retailers.

2) WARRANTY PERIODS:

Commercial Warranty*: 2 Years (24 months)
Domestic Warranty* : 4 Years (48 months)

Or

1000 hours of operation – whichever occurs first.

Domestic Warranty applies to domestic use of the product: Personal, residential, or household use only. Commercial Warranty applies to commercial or business use of the product: All uses other than domestic use, including use for income-producing (including farming) or rental purposes.

*These GT Power Warranty periods are for products that are:

- Purchased from a New Zealand GT Power Dealer after 01/06/23
- Serviced by a GT Power Dealer in accordance with the GT Power service schedule, using genuine parts and the correct grade of oil (proof required)
- Meeting all other warranty requirements

NOTE: These warranty conditions apply to New Zealand only.

Euroquip warrants each new GT Power machine free from defect in material and workmanship under normal use and routine servicing, for the warranty periods specified. Conditional to the limitations and exclusions list below. The warranty period begins when the product is purchased by the end user. Warranty is not transferrable and is only claimable by the original purchaser.

Proof of purchase documentation with product serial number must be provided. If it has been lost and Euroquip does not have a record of the purchaser's details, the warranty period shall be calculated from the appropriate dealer wholesale sale date.

The purchaser must keep a record of all service and maintenance history as proof of servicing history. This may be requested when assessing any future warranty claims. The decision that an issue with a product qualifies as a warranty claim is made at the sole jurisdiction of Euroquip.

No costs incurred will be considered under warranty if repairs or maintenance are carried out by any party other than a Euroquip Approved Service Agent, unless with prior consent in writing from Euroquip.

It is the full responsibility of the purchaser to deliver the product under warranty to the nearest relevant service agent or product reseller. Warranty does not cover transportation costs including call outs, mileage and freight costs.

Customers are responsible for the care and cleaning of their product prior to sending it to our service centre. Any product being sent us must be thoroughly cleaned. Depending on what the product has come into contact with, it could pose an Occupational/ Work Health and Safety risk for our staff and or/service agents to inspect, repair or service a product that has come into contact with a hazardous substance. If we are asked to inspect, repair or service a product that has come into contact with a hazardous substance such as chemicals, asbestos or silica dust, we may not be able to inspect, service or repair the product. If this is the case, we will inform the purchaser and the product will be returned.

If a product is repaired under warranty, parts and labour required for the repair will be supplied at no charge. All defective parts replaced under warranty become property of Euroquip. Consumable items such as, but not limited to, oils, coolants, filter and spark plugs shall be the responsibility of the owner. Warranty assessment and repair will be scheduled and executed according to the normal work flow at the service location and depending on the availability of suitable replacement parts.

This warranty policy is an additional benefit and does not supersede the legal rights of any customer, reseller or service agent.

Should any issue be found to be a combination of a warranty failure and a non-warranty issue such as incorrect charging techniques, the repair cost component to rectify and repair the non-warranty failure is the **customer's** full responsibility.

3) EXCLUSIONS:

- Warranty does not cover parts that are subject to wear and tear from usage and/or damage which results from neglect of periodic maintenance.
- Evidence must be provided that the product has been maintained and serviced suitably for a claim to be considered under warranty.
- Batteries supplied with your product are warranted against defect for 3 months and does not include lack of charge due to non-use. Consumable items such as, but not limited to, oils, coolants, filters, spark plugs and batteries shall be the responsibility of the purchaser.
- Failure caused by incorrect operation of the product as specified in the manual either intentionally or by error.
- Lack of proper care and maintenance of the product.
- Any damage which results from unavoidable natural disasters, fire, collision, theft, etc.
- Any normal wear or deterioration, such as that of sliding or rotating parts caused under normal operating conditions.
- Any damage that results from misuse or use beyond the imitations of the products intended purpose (such as overloading or use under abnormal conditions).
- External circumstances such as product deterioration or corrosion due to environmental conditions like heat, cold, salt spray, sand or due to the passage of time
- Normal phenomena such as noise, vibration or oil seepage which are considered by Euroquip as not affecting the quality, function or performance of the product.
- Any damage due to improper storage or transport.
- Consumable replacement items: Spark plugs, contact points, shear pins, fuel strainers, oil filter elements, air cleaner elements, brake shoes or pads, clutch components, fuses, motor brushes, gaskets, tube or hoses, belts, cutting blades, light bulbs, serviceable bearings. Petroleum and others fluids: Oil, grease, battery electrolyte, and radiator coolant. Other items specified by Euroquip.
- Periodical maintenance items such as cleaning, inspection and adjustments.
- Contaminated fuel
- Modifications or installations of other products to the product
- Damage that results from the use of non-genuine parts, lubricant or fluid not approved by Euroquip
- Any repair and/or adjustment to correct improper or poor quality work previously performed.
- Attempted repair/ service by a party other than an Approved Service Agent, or any repair undertaken prior to approval of warranty be Euroquip is not covered under warranty.
- Warranty does not cover pre delivery service and adjustment, or failure that may occur as a result of lack of/ incorrect pre delivery service and adjustment. Warranty does not cover any incidental, indirect or consequential loss, damage, personal injury, or expense that may result from any defect, failure, malfunction, or misuse of a product.
- Any product that is found to have come into contact with hazardous substances such as chemicals, asbestos or silica dust and NOT been industrially cleaned prior to servicing.

4) HOW TO CLAIM WARRANTY:

In the event you are faced with a manufacturing fault with your GT Power product, you can claim a repair or part replacement under warranty if the following conditions are fulfilled:

- The problem is related to production quality or specifications of the machine
- The machine is within the warranty period outlined in schedule
- The issue does not fall within the warranty exclusions listed

If the criteria above is met, and you would like to request a warranty, then please go online to <https://www.euroquip.co.nz/Service-Request-End-User> and log your warranty claim.



Congratulations on your new GT POWER product. We are proud to have you as our customer and will strive to provide you with the best service and reliability in the industry. This product is backed by our extensive warranty. To locate your nearest distributor or service agency call **0800 387 678**, or email us at **customerservice@euroquip.co.nz**.