

Manual

Power Generator

GEN-100X

12 000 W

Maximum starting power

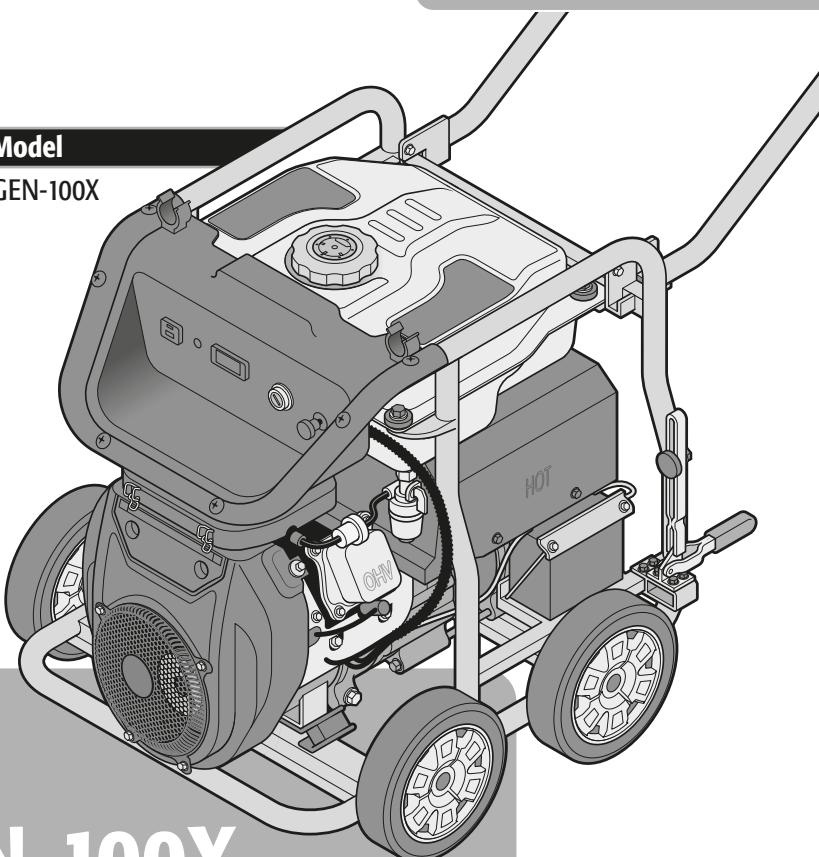
10 000 W

Rated power

Applies for:

Code Model

14359 GEN-100X



GEN-100X

! CAUTIONRead the user's manual thoroughly
before operating this tool.**1**
YEAR WARRANTY

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WARNING

To gain the best performance of the tool, prolong the duty life, make the Warranty valid if necessary, and to avoid hazards of fatal injuries please read and understand this Manual before using the tool.

Keep this manual for future references.

The illustrations in this manual are for reference only. They might be different from the real tool.

Use and care recomendations



DO NOT START the machine without oil or the engine will suffer serious damage due to lack of lubrication.



For better performance and durability use higher-octane gasoline.

In Mexico, we suggest using **PREMIUM** gasoline.

Never use gasoline that is contaminated and/or mixed with additives or oils.



DO NOT connect devices that exceed the **MAXIMUM OPERATING POWER**.



Position the generator on a **STABLE AND FLAT SURFACE**.



DO NOT OPERATE THE GENERATOR IN RAINY OR HUMID CONDITIONS, and refrain from using the machine with wet hands.



Perform regular MAINTENANCE on your machine (page 12).

GEN-100X

Code	•	14359
Description	•	Power generator
Rated Motor Power	•	18 Hp (13 422 W)
Motor	•	680 cc
Cylinders	•	2 Cylinders in "V"
Fuel	•	Gasoline
Fuel Tank	•	7.3 gal
Fuel Consumption	•	1.47 gal/h
Output	•	6 127 V~ polarized sockets / 2 5 V==USB outputs 1 5P (3P + N + E) industrial contact 127 V~ / 220 V~ (3-phase output)
Voltage	•	127 V~ / 220 V~ / 5 V==
Frequency	•	60 Hz
Maximum Starting Power	•	12 000 W
Rated Power	•	10 000 W
Noise Level	•	97 dB at 13 ft
Work Cycle	•	Continuous work at nominal power 30 min rest per tank spent

Fuel Requirements



For better performance and durability use higher-octane gasoline. In Mexico, we suggest using PREMIUM gasoline.

- The generator is built with an air-cooled 4-stroke motor that runs with pure unleaded gasoline.
- For no reason at all mix oil with fuel.



WARNING • For no reason at all use fuels mixed with ethyl alcohol (gasohol), ethanol or methanol. These substances could attract humidity thus causing separation and acid build up while in storage. Acidity can damage the motor fuel system when is stored.

- To prevent problems with the motor drain the fuel system before storing the generator 30 days or longer. Drain the gasoline tank, start the motor and leave it idling until the fuel and carburetor lines are empty. Next time, use fresh gasoline.
- Never use motor cleansing products inside the gasoline tank. It causes permanent damage.

⚠️ WARNING! Read carefully all the safety warnings and all the instructions listed. Failure to observe these warnings may result in electric shock, fire and / or severe injuries. Save the warnings and instructions for future reference.

Work Area

Keep your work area clean, tidy and well lit.

Cluttered and dark areas may cause accidents.



Never use the tool in explosive areas such as in the presence of flammable liquids, gas or flammable dust.

Power tools produce sparks which may light up flammable materials.



Keep children and passersby at a safe distance while operating the tool.

Distractions can cause losing control.



Operate the generator ONLY outdoors.

Do not operate the generator in closed spaces. The generator produces carbon monoxide: an odorless highly toxic gas. Breathing the gas produce nausea, fainting or even death.



Electric Safety

Plugs shall match the generator power outlets.

Never modify a plug.



Do not use adaptors for ground plugs.

Modified plugs and different power outlets increase the risk of electric shock.

Avoid body contact with grounded surfaces like pipes, radiators, electric ranges and refrigerators.

There is a higher risk of electric shock if the body gets grounded.

Do not use the generator under rain or humidity conditions.

Water increases the risk of an electric shock.

Do not handle the generator or electric cables while standing on water, barefoot or with wet hands and feet.

Water increases the risk of an electric shock.

Do not use any equipment if cables are worn, broken, peeled, or entangled in any way.

Damaged or entangled cables increase the risk of electric shock.

Use only rubber-covered flexible extension cables (in accordance with IEC 245 – 4) or equivalent.

Using an inadequate extension increases the risk of electric shock.

Personal Safety

Stay alert! Watch what you are doing and use common sense when using a tool. Refrain from using the tool if tired or under the influence of drugs, alcohol or medication.

Being momentarily distracted while using the tool could cause severe personal injury.



Prevent an accidental start up. Disconnect all the tools from the generator before starting.

Unsupervised power tools with the switch in the ON position may cause accidents.

Remove brackets or adjusting tools before starting the generator.

Additional tools or vices installed in a rotating part in the generator could damage the equipment or cause severe personal injuries to the operator.

Do not overreach. Keep both feet perfectly set on the ground and keep good balance at all times.

These measures lead to better controlling the tool in unexpected situations.

Wear proper clothes.

Do not wear loose clothes or jewelry.

Keep your hair, clothes and gloves away from moving parts

Loose clothes, jewelry or long hair could get caught in the mobile parts.



Do not touch the exhaust while the generator is running.

Temperature in the muffler and nearby areas may go over 150 °F (65 °C). To prevent burns, allow the motor to cool down before manipulating or storing the generator.

Use and Care of the Generator

Do not force the generator. Use it within the range it was designed for. Assure a safe and efficient job.

Do not use any attachment to increase the generator capacity.



Connect only adequate power tools.

Do not use power tools for heavy duty work to which the tool is not designed for.

Do not use power tools if the switch is not working.

Any power tool that cannot be turned IN or OFF is dangerous and shall be repaired immediately before using.

Turn OFF the generator and wait until the motor is cooled down before carrying out any type of adjustment, changing accessories or storing.

To reduce the risk of burns or accidentally starting it up.

Store the generator when not in use and away from children's reach. Do not allow untrained people operate the generator.

The generator can be dangerous under untrained hands.



Carry out maintenance to the equipment. Double check the mobile parts are not misaligned or stuck. No broken parts or other conditions affecting its operation shall be present. Repair any damage before using the generator.

Most accidents are caused by lack of maintenance.



Keep tools in the best conditions.

Connect to the generator only tools in optimum conditions to guarantee a good job and a safe operation.

Use the generator, its components and accessories in accordance with these instructions and the manner foreseen for the type of job in the right conditions.

Using the tool for applications different to which is designed could cause a dangerous situation.

Service

Repair the tool in a TRUPER Authorized Service Center using only identical spare parts.

To keep the tool safety.

General Safety Standards for Power Generators

TRUPER

Power Management

⚠ WARNING • Power generators produce dangerous voltage. Failure to insulate the generator from other power installations will hurt or kill third parties using power devices due to an electric shock.



⚠ WARNING • Do not handle the generator or power cables while standing on water, barefoot or with wet hands and / or feet. Water increases the risk of electric shock.

⚠ WARNING • The generator shall not be connected to other power sources like those from the utility services. In an emergency and when is strictly necessary to connect to these power sources only a qualified electrician may assemble the connection considering the differences between the power supply and the generator technical specifications.

⚠ CAUTION • Protection against electric shock depends on the circuit breakers homogenization. When circuit breakers need to be replaced go to a TRUPER Authorized Service Center to carry out the replacement.

⚠ CAUTION • The alternate current connections within the electric system shall be carried out by a qualified electrician complying with all the power codes and standards applicable.

⚠ WARNING • Unprofessional connections generate power discharges into the output lines. It can electrocute users or the power circuits and people touching the lines during a blackout. When electricity is restored the generator could explode, catch on cause fire.



- Ground the generator properly before starting it.

- The generator is built with automatic carburation system that makes it suitable to operate in height above 6 562 ft

Before Operating the Generator

⚠ WARNING • Operate the generator ONLY outdoors! Do not operate the generator in closed spaces. The generator produces carbon monoxide, a highly toxic odorless gas. Breathing the vapors cause nausea, make people faint and even death.

⚠ CAUTION • Learn how to quickly turn off the generator. Learn the function of all the controls.

- Keep at least 2 feet free space around the generator to assure it is properly ventilated.
- Set the generator onto a firm and leveled surface. Avoid sandy or snowed surfaces. If the generator tilts over fuel could spill out or sand, dust or water could enter into the machine.

- Do not connect any devices when the generator is off. Connect all the power devices after the generator is on.

- In the event there are questions or issues with the generator please go to a TRUPER Authorized Service Center.

While Operating the Generator

⚠ CAUTION • Do not touch the exhaust while the generator is running. The exhaust temperature and surrounding areas could over 150 °F prevent burns. Let the engine cool down before manipulating or storing.

⚠ CAUTION • To assure an efficient and safe performance, do not force the generator. Use it within the levels it was meant for. Do not use any accessory to increase the generator capacity.

Fuel Handling

⚠ Never smoke near fuel or the fueling area or when operating the generator!



- To reduce the risk of fire or burns handle fuel with care. It is extremely flammable.



- Gasoline or fuel shall never make contact with your skin.
- Protect eyes to prevent them from fuel and oil spills. In the event of accidental contact rinse immediately with clear water. If irritation persists, consult your doctor.



- Store fuel in a dedicated container.

⚠ WARNING • Before filling up the generator turn off the engine, place it onto clear ground and wait until the engine cools down.

⚠ CAUTION • Wipe all the spilled fuel from the generator before operating.

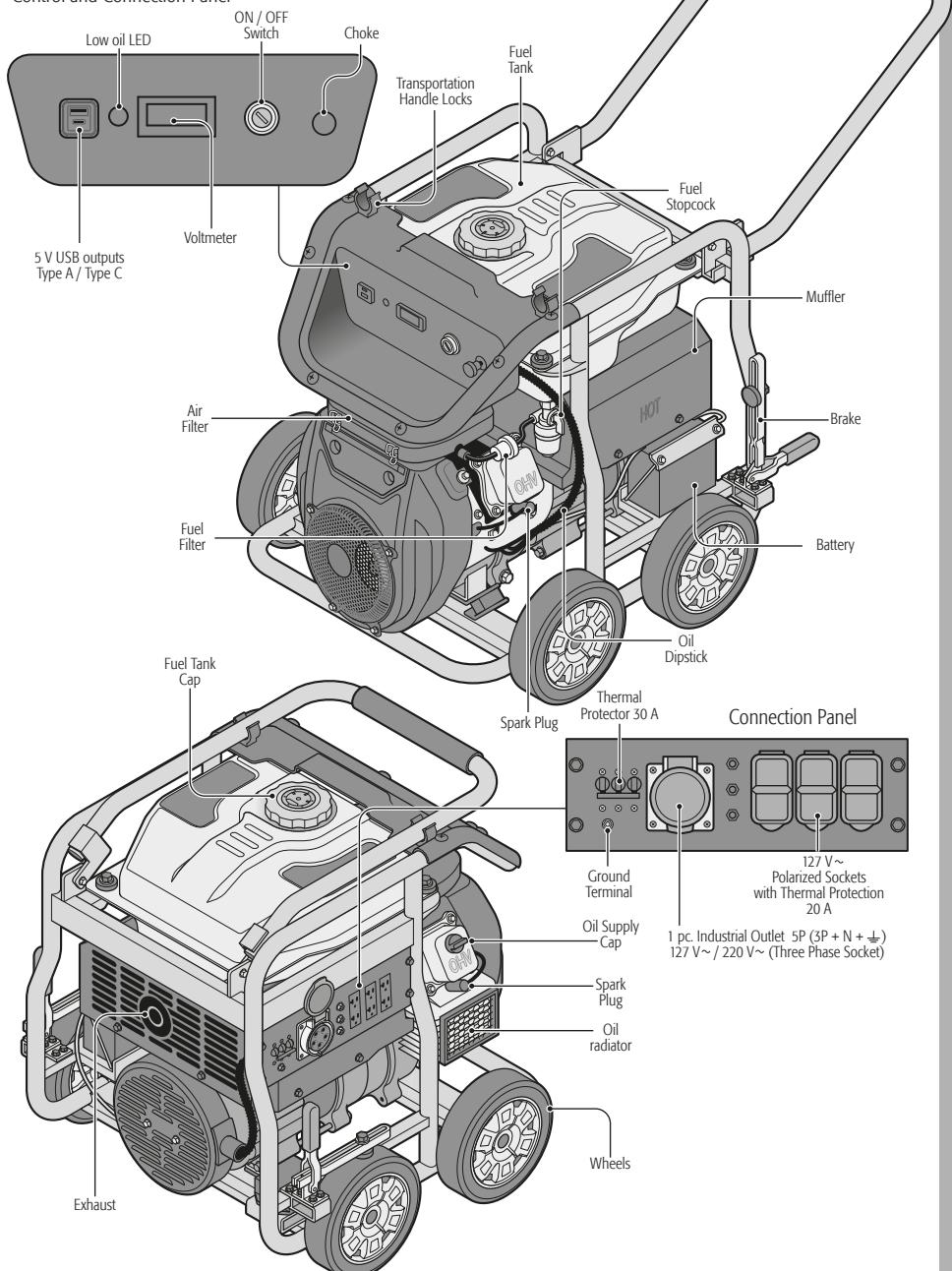
⚠ CAUTION • Check for fuel leaks and fix them before using the generator. Prevent fires and burns.

- Under no circumstance burn spilled fuel to eliminate it.
- Never use fuel different from the one specified in the Manual.

- Have fire extinguishers on hand. Be prepared in the event a fire starts.

Gasoline driven power generators and a portable energy source. Use the generator for recreational purposes (trips, camping), during emergency (blackout), and for domestic and industrial purposes.

Control and Connection Panel

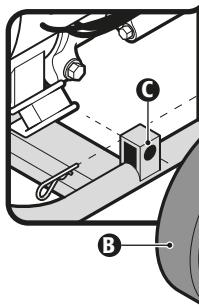
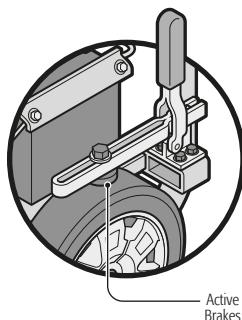


Wheels

- Fix the wheel set passing axis (A) through each wheel (B) and their respective mounting orifice (C) in the chassis. Secure the axis with the pin (D).

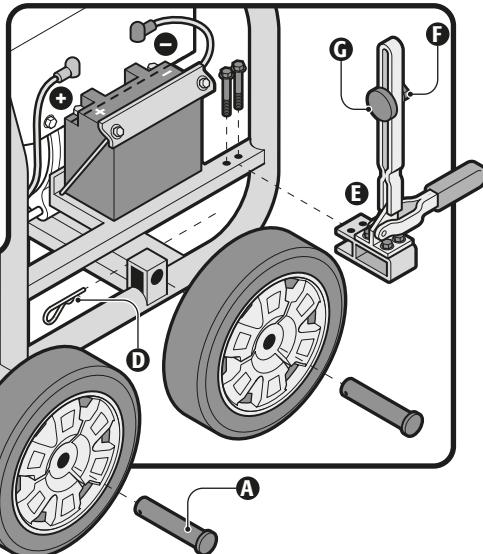
Battery

- Connect the negative cable (with the black hood) to the battery negative terminal (-). Cut the binding securing the cable loose end to be able to connect it.
- Connect the positive cable (with the red hood) to the battery positive terminal (+).
- Verify the battery and generator connections are right, tightened and insulated.
- The included battery is fully loaded.



Brakes

- Use a bolt and nut set to fix the brake mechanism (E) to the rear wheels on each side of the chassis.
- Use the adjusting bolt (F) to adjust the height limit (G) so it makes contact with the wheel when the brake is set.



Grounding

- Ground the generator correctly specially if the unit is fit with wheels to prevent possible power discharge due to ground fault in the generator or in the connected devices.

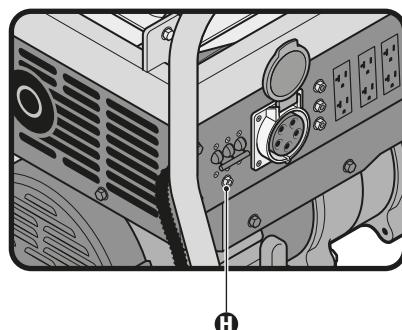
Correct grounding also helps to dissipate static electricity usually accumulated in non-grounded devices.

- Connect terminal (H) to the ground source (-).

CAUTION • Do not connect into the commercial power source.

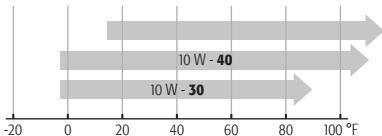
CAUTION • Do not connect the generator into a second generator.

WARNING • To prevent misuse of the power devices the generator shall be grounded. We are not liable of damage to the devices or personal injuries due to failure to install this security measure before operating the generator.



Oil Supply

- Set the generator onto a flat and leveled surface.
- Turn and pull the oil supply cap (**A**).
- Use 4-stroke engine oil. Using SAE 10W-30 for general use under any temperature. Other viscosities can be used when the average temperature in your locality is within the range indicated in the following table.



- To check the oil level remove the oil dipstick (**B**) in the generator and clean with a clean cloth.
- The oil tank has an approximate capacity of 0.39 gallons. Pour oil gradually and wait a couple of minutes so the oil can settle into the engine.
- Insert the oil dipstick into the orifice. See if it shows the maximum oil level.
- If the level is below the minimum, add oil until it reaches the maximum level on the dipstick.
- Set the dipstick back into the orifice and tighten.

CAUTION • Checking oil level regularly is recommended.

- When the oil tank is filled to the right level indicated in the dipstick, set back the cap (**A**) and tighten to prevent oil leaks.

CAUTION • Do not exceed the maximum oil level. The muffler may expel too much smoke when the engine starts.

CAUTION • Check oil level before each use. If necessary, add oil up to the limits in the dipstick.

CAUTION • Change the oil for the first time after 20 hours of use, and then perform subsequent changes every 100 hours. It may be necessary to change oil more frequently when dust or dirt are present.

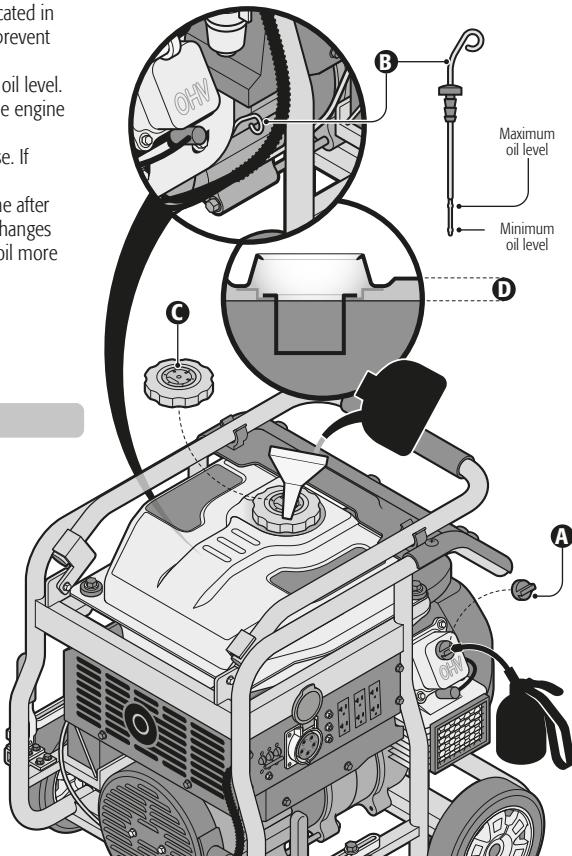
Operating at High Altitude

- The air-fuel mix in a standard carburetor is rich in fuel at high altitudes. Performance will be low and fuel consumption will be high.
- Performance while operating at high altitudes could improve if the carburetor is regulated adjusting the main bolt. The generator is set to operate in altitudes 6 000 ft above sea level. If the generator is not working efficiently go to a TRUPER Authorized Service Center to carry out the required modification to the carburetor.
- Although the carburetor has the adequate injection, the engine potency will decrease approximately 3.5 % per each 1 000 ft increment above sea level. Potency will decrease if no modifications are carried out to the carburetor.

WARNING • If the generator is operated in an altitude inadequate to the carburetor setting it could perform poorly, overheat and the engine will be severely damaged due to the excessive air mix in the fuel.

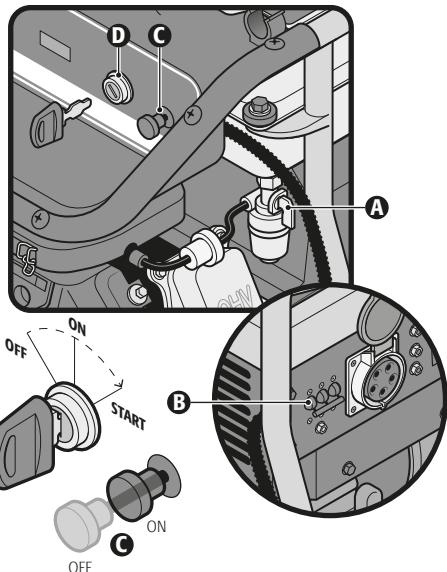
Fuel Supply

- Set the generator onto a flat and leveled surface.
- Clean and dry the area around the fuel cap.
- Remove the fuel cap (**C**).
- Using a funnel slowly fill up the fuel tank up to the lower part of the tank's neck. Do not fill in excess to allow fuel expansion and prevent spills (**D**).
- Wipe clean any fuel spilled.
- Cover the cap turning the cap until hearing a click.
- Clean any fuel spills before starting the engine.



Motor Start Up

- Ground the generator. Disconnect all the power devices from the connection panel.
- Turn the fuel stopcock into the **ON** position (**A**).
- Double check the overload thermal protector (**B**) is in the **OFF** position. Move the lever down.
- Pull the choke valve (**C**) into the **OFF** position.
- Insert the key into the switch (**D**) and turn it into the **START** position.
- After the engine starts turn the switch back into the **ON** position.
- When the engine runs in a stable manner push the choke valve to the **ON** position.
- Let the engine get hot and stabilize a couple of minutes to start connecting power devices.



Sockets in the Connection Panel

- If the devices you are using are powered with 127 V~ and have a two terminal single plugs and / or are grounded, use the 127 V~ double sockets.
- If the devices you are using are powered with 220 V~ use the 5P (3P + N + $\frac{1}{2}$)* socket.

* 3 P = 3 phase | N = Neutral | $\frac{1}{2}$ = Ground

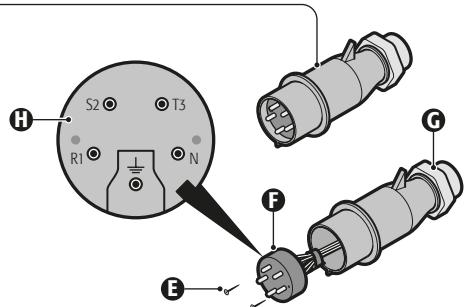
- The 5 prong plug (5P) is included with the generator.

To connect the devices, follow these steps:

1. Loosen the screws (**E**) and remove the connection block (**F**).
2. Loosen the base of the plug (**G**) and run the wires of the device through the plug body.
3. Make the required connection for the proper operation of your device as described in the following table.

Note: The connection terminals are marked on the back of the block (**H**)

4. Secure the wiring with the anchoring system that is attached to the block connection and assembly again each part of the plug.



Plug Terminal	Electric Connection
R1	Phase 1
S2	Phase 2
T3	Phase 3
N	Neutral
$\frac{1}{2}$	Ground

Below the table are seven connection diagrams for different voltage configurations:

- 127 V: Three wires connected to terminals R1, S2, and T3.
- 127 V: Three wires connected to terminals R1, S2, and N.
- 127 V: Three wires connected to terminals S2, T3, and N.
- 220 V: Four wires connected to terminals R1, S2, T3, and N.
- 220 V: Four wires connected to terminals R1, S2, T3, and $\frac{1}{2}$.
- 127 / 220 V: Six wires connected to terminals R1, S2, T3, N, and $\frac{1}{2}$. The $\frac{1}{2}$ terminal is connected to the N terminal.
- 127 / 220 V: Six wires connected to terminals R1, S2, T3, N, and $\frac{1}{2}$. The $\frac{1}{2}$ terminal is connected to the $\frac{1}{2}$ terminal.

CAUTION • Voltage between 2 phases (any phase) will always be 220 V~

CAUTION • Voltage between 1 phase (any phase) and Neutral will always be 127 V~

CAUTION • For security reasons always connect the ground in the terminal.

Each phase of the 5P operation is shared with each of the 127 V~ polarized double sockets. Therefore, the total load shall be shared between each phase.

Devices Connection

• To activate the power output move the overload thermal protector lever (A) upwards.

• After the generator is started connect the devices needed (B) into the connection panel.

CAUTION When connecting more than one device, connect and start those using a higher current first.

CAUTION Double check the devices do not exceed the generator rated power longer than 30 minutes and to never exceed the maximum load output.

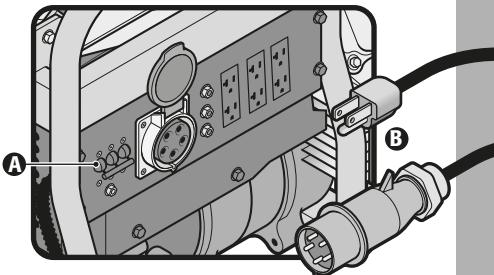
• To assure the generator can supply enough energy and run the power devices to be connected please follow the next steps to estimate the necessary watts and not exceed the generator capacity:

1. Choose the power devices to be connected simultaneously.

2. The amount of energy necessary to run all the devices is the sum of the watts rated power of those devices. The values of the addition shall not go over the generator capacity.

3. While starting, the power devices will produce large amounts of current. The devices shall start one by one. They shall not start simultaneously.

CAUTION To learn the rated power output, consult the table in the right side of the page as a reference or the technical specifications of each of the devices' instructions.



Reference in watts

	Device	Rated Power (W)
Appliances	Light Saving Lamp	5 - 50
	Refrigerator	50
	Fan	50
	Tablet	120
	Laptop	120
	Washing Machine	250
	Computer	400
	Electric Range	1 000
Power Tools	Air conditioner	1 600
	Water Pump	800
	Drill Hammer	1 000
	9" Grinder	2 400
	Reverse Welder	3 600

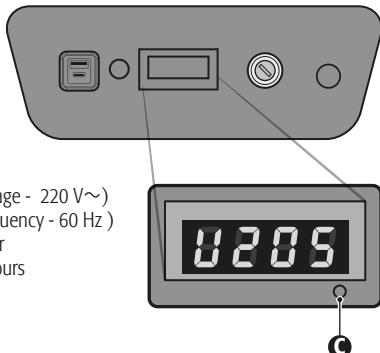
Digital Voltmeter

• The generator is built with a digital voltmeter that will turn on when the overload thermal protector is turned On.

• The voltmeter is used to monitor the following magnitudes:

1. Maximum voltage generated by the device	U-220
2. Frequency of operation	F-60
3. Time of operation per session	001.0
4. Total operation time	009.8

• To change between voltmeter magnitudes, press button (C).



Overload

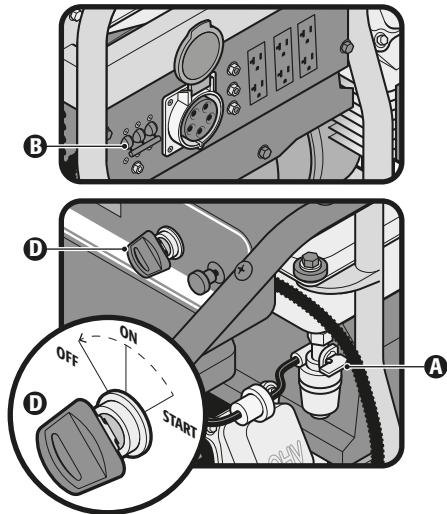
CAUTION • If an important overload is present, the overload thermal protector will shut down. It is a possibility that a marginal overload will not shut down the thermal protector but will shorten the generator useful life.

CAUTION • If the thermal protector shuts down due to an overloaded circuit, reduce the circuit electric load and wait a couple of minutes before re-starting the thermal protector.

• Each 127 V~ double - polarized socket is built with a 20 A thermal protector.

Off

- To turn off the overload thermal protector (**B**) move the lever downwards.
- Turn off and disconnect all the devices from the connection panel. **WARNING** NEVER turn off the generator while having devices still turned on to the connection panel.
- Leave the generator run unloaded a couple of minutes to stabilize the internal temperatures in the engine and generator.
- Set switch (**D**) into the OFF position.
- Close the fuel stopcock (**A**).



CAUTION • Regular and careful maintenance is essential to maintain the generator optimal safety and performance levels.

- Before cleaning, repairing, inspecting or storing the generator turn off the engine and wait it completely cools down.
- Keep nuts, bolts and screws adjusted to assure the generator is in a safe working condition.

- Do not modify the security devices. Regularly verify they work right.
- Any worn or damaged part shall be replaced before using the generator. Do not try to repair the damaged parts. Can damage the generator and be a risk to your safety.
- Any repairs or maintenance jobs different to those described in this section, for example, adjusting the carburetor shall only be carried out in a TRUPER Authorized Service center.

Periodic Maintenance	Before each use	Every 20 h or each month	Every 50 h or 3 months	Every 100 h or 6 months	Every 300 h or each year
General inspection	Carry out				
Motor Oil	Check	Replace*		Replace	
Air Filter	Check		Clean (1)	Replace	
Sediment container				Clean	
Spark Plug				Clean / Readjust	Replace
Valves clearing					Check / Readjusted (2)
Fuel Tank and Strainer					Clean (2)
Fuel Line		Check and replace if necessary every 3 years (2)			
Fuel Tank Cap				Clean	
Carbons Set		Check and replace if necessary every 2 years (2)			
Oil Filter					Replace (2)
Fuel Filter					Replace

1. When operating the generator in dusty environments carry out maintenance more frequently.

2. Go to a TRUPER Authorized Service Center to carry out this service.

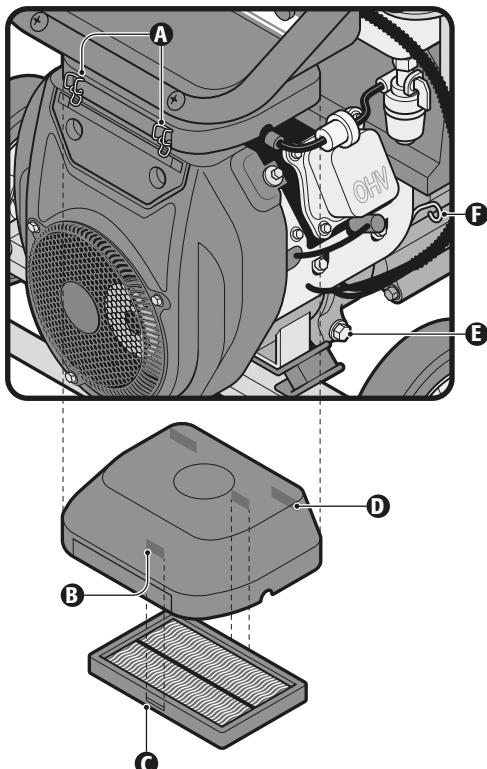
*This only applies to the first oil change.

Cleaning

- Use a damp cloth to clean the generator's outer surfaces.
- Use an air compressor (25 PSI) to remove dirt and residues.
- Inspect all the ventilation and cooling slots to assure they are clean and with no obstructions.

Air Filter

- Check air filter to assure is in good repair. Remember, a dirty air filter can make starting difficult, loosing performance and shorten the engine's useful life.
- Remove the filter cover. Lift and release its two locks (**A**).
- Disassemble the filter pushing the cover stoppers (**B**).
- Clean both sides of the filter with 25 PSI compressed air.
- If the filter has damage, humidity or is very dirty should be replaced.
- Set back the filter assuring the filter tabs (**C**) assemble correctly with the cover stoppers.
- Replace the cover by assembling the rear tabs (**D**) on the motor body.
- Lastly secure the filter cover with the locks (**A**).

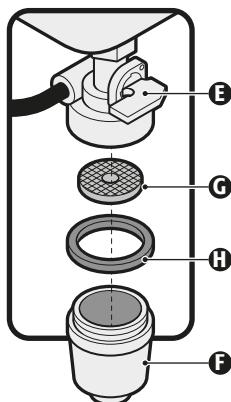


Oil Change

- The oil drain cap can be found under the engine (**E**).
- Place a dedicated container under the generator to collect the oil. Remove the drain cap and then the oil dipstick (**F**) altogether with the fuel supply cap (**G**). When oil container is drained, set the drain cap back.
- Clean any oil leaks or spills.
- Fill the tank with SAE 10W-30 oil.
- Check the oil level by placing the oil level dipstick without tightening it. Oil level shall be between the *minimum* and *maximum* marks in the dipstick. Double check the level is not exceeding the *maximum* mark. Tighten the oil supply dipstick and cap when the oil level is the right one.
- Start the engine and leave it running briefly. Stop the engine, wait one minute and check oil level again. Refill if necessary.
- Never, ever dispose of use oil in the gutter. Take used oil to a recycling unit.

Fuel Filter

- The fuel filter prevents water and dust present in the fuel tank entering into the carburetor. If the engine has not been started a long time, the sediment container shall need to be cleaned:
- Shut off engine in ambient temperature and close the fuel stopcock (E).
- Remove the sediment container (F). Clean the inside altogether with the filter (G).
- Let filter and container dry completely.
- Verify the washer (H) is in good condition and set back in place the sediment container and fuel filter.
- The external fuel filter should be replaced according to the maintenance program indicated on page 12.



Fuel Drain

- Set under the tank a dedicated container to receive gasoline. Use a funnel to prevent fuel spills.
- Close the fuel stopcock.
- Before setting the filter back open the fuel stopcock to drain the fuel tank empty. Once is drained set back the filter and sediment container.
- Start the engine as indicated in page 9 to burn all remaining fuel in the system.

Spark Plugs

- Before removing the spark plugs, clean the area around the spark plug base to prevent dust and debris entering the engine. Remove the spark plug cap. Unscrew the spark plug with the wrench included with the generator.
- Clean carbon deposits from the spark plug electrodes with spark plug cleanser or a wire brush.
- Replace spark plug with a similar one if worn, damaged or reusing it is not reliable.
- Measure the gap between the two electrodes using a spark plug gauge. The distance between the center and side electrodes shall measure between 0.02" and 0.03"
- Double check the spark plug washer is in good condition. Insert the spark plug manually to prevent misalignment.
- After setting the spark plug adjust with a spark plug wrench to press the washer.

CAUTION If installing a new spark plug tighten up to half a turn after the spark plug is in place and the washer can be compressed. If setting a used spark plug tighten up to 1/8 – 1/4 turn after the spark plug is in place and the washer can be compressed.

WARNING Badly installed spark plugs or out of range can overheat and damage the engine.

Storing and Transportation

- When moving the generator, turn off the motor switch and close the fuel stopcock. Keep the generator leveled to prevent fuel from spilling. Start the generator at least every 2 weeks. Leave it running at least 20 minutes.
- When storing the generator for long periods of time:
 1. Drain completely all the fuel from the generator as indicated in the previous item.
 - Then, start the motor until all fuel inside the motor is burnt.
 2. Replace oil as indicated in page 13.
 3. Remove the spark plug and pour a spoonful of SAE 10W-30 oil into the cylinder. Then set the spark plug.
- Clean the generator with a damp cloth and cover to prevent dust entering and accumulating inside.
- Store the generator in a clean, dry place out of the reach of children.

Problem

The engine does not start.

Cause

- The fuel stopcock is off.
- Not enough fuel.
- Loads connected to the a.c. contacts.
- There is no spark in the spark plug.

Solution

- Turn on the fuel stopcock.
- Fill up fuel tank.
- Disconnect any load from the generator.
- Verify the spark plug spark:
 1. Disconnect the spark plug cable. Clean dust around spark plug and remove it.
 2. Connect the cable to the spark plug.
 3. Turn on the engine switch.
 4. Make contact with the spark plug central electrode with any fuel - free metal part in the motor. **CAUTION** Is important to make the tests in ventilated areas and with no spilled fuel. Otherwise an explosion can happen.
 5. Insert the key into the switch and pull a few seconds until the "START" position to generate a spark between the spark plug central electrode and the metal part. If there is no spark replace the spark plug.
 6. If there is no spark with a new spark plug go to a TRUPER Authorized Service Center.

- Gasoline is not reaching the carburetor.
- Oil level is too low.
- Thermal protection has not been reset.

Motor starts but it stops suddenly.

WARNING • Make sure that no fuel has been spilled before starting the engine, check that the area around the spark plug and the generator is dry. The spill of fuel or excess of steam could cause an explosion.

- Check oil level and add if necessary.
- If the engine cannot be started go to a TRUPER Authorized Service Center to repair.

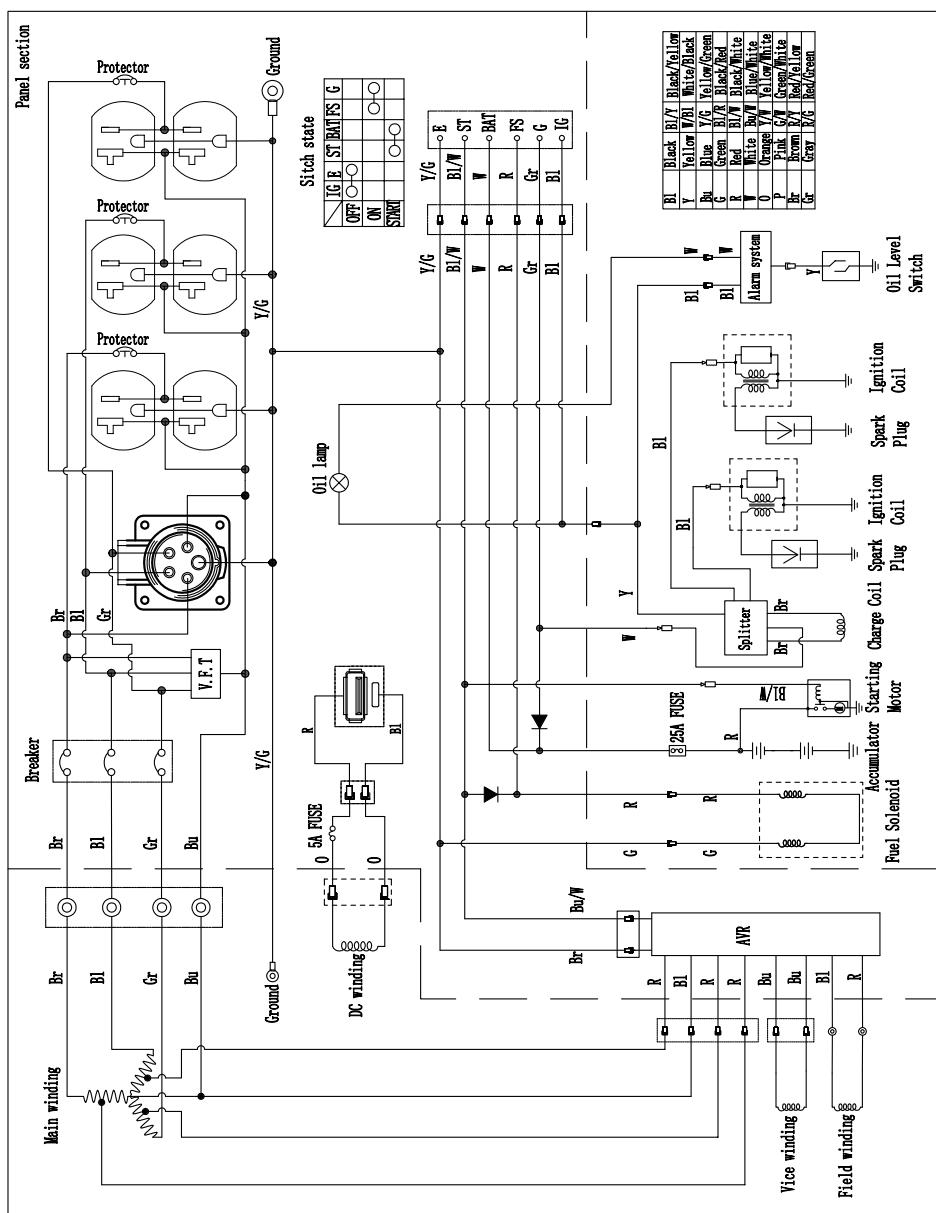
- Check oil level and add if necessary.

The generator is not showing voltage in the output.

- Thermal protector has not been reset.
- Some of the power devices are not working (For example, a lamp is not working).

- Go to a TRUPER Authorized Service Center to repair.
- Check the status of the devices before connecting them and repair any damaged device before using it with the generator .
- Check that the thermal overload protector is in the "ON" position.

If the problems persist despite carrying out the recommended corrective actions, contact a TRUPER Authorized Service Center



In the event of any problem contacting a TRUPER Authorized Service Center, please see our webpage WWW.TRUPER.COM to get an updated list, or call our toll-free numbers 800 690-6990 or 800 018-7873 to get information about the nearest Service Center.

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