

HARDEXTOOLS

Hardex Generator User Guide



IMPORTANT!! This instruction manual is intended only for starting and operating Hardex generators.

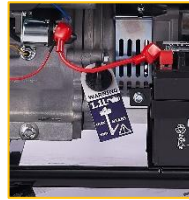
Years of experience by your side

Introduction:

In emergency situations such as power outages, natural disasters, or lack of access to the electrical grid, a gasoline or tri-fuel generator provides a reliable and independent source of power. This unit uses an internal combustion engine to convert gasoline or gas (city gas or LPG cylinder gas) into electricity. The tri-fuel model provides greater flexibility; depending on fuel availability, you can use NG or LPG. With this generator, you no longer need to worry about a refrigerator, essential lighting, water pump, heating system, or medical equipment becoming inoperable. Its compact and relatively low-noise design makes it easy to move and use. Simply follow the safety and starting instructions carefully to have reliable power available under different conditions.

Starting Procedure:

Step 1: Add engine oil to the generator up to the standard level according to the table below.



HG-85	HG-75	HG-65	HG-33i	مدل
1.2L	1.1L	1.1L	0.6L	حجم مخزن روغن
HG-85T	HG-75T	HG-65T	HG-33T	مدل
1.2L	1.1L	1.1L	0.6L	حجم مخزن روغن

Step 2: On models equipped with an electric starter, make sure that the battery cable connections are secure.



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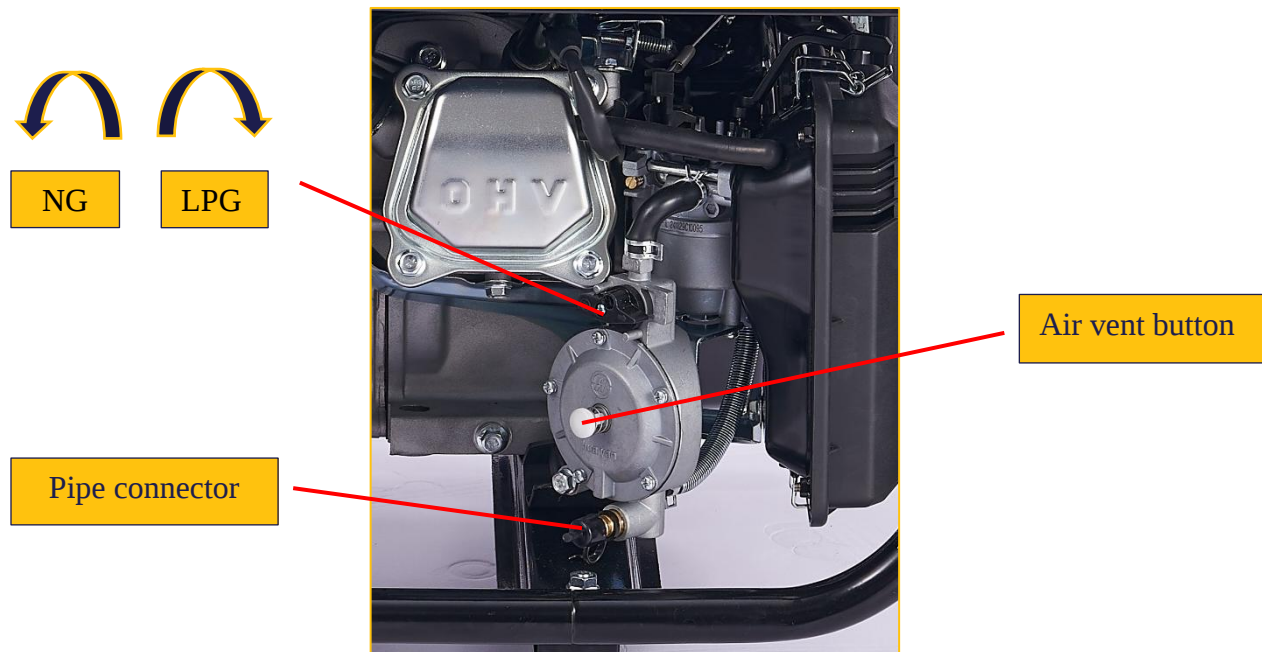
Step 3: Fill the fuel tank with gasoline up to the standard level according to the table below. (Be careful to prevent leakage of flammable materials.)



HG-85	HG-75	HG-65	HG-33i	مدل
25L	25L	25L	10L	حجم مخزن سوخت
HG-85T	HG-75T	HG-65T	HG-33T	مدل
25L	25L	25L	15L	حجم مخزن سوخت

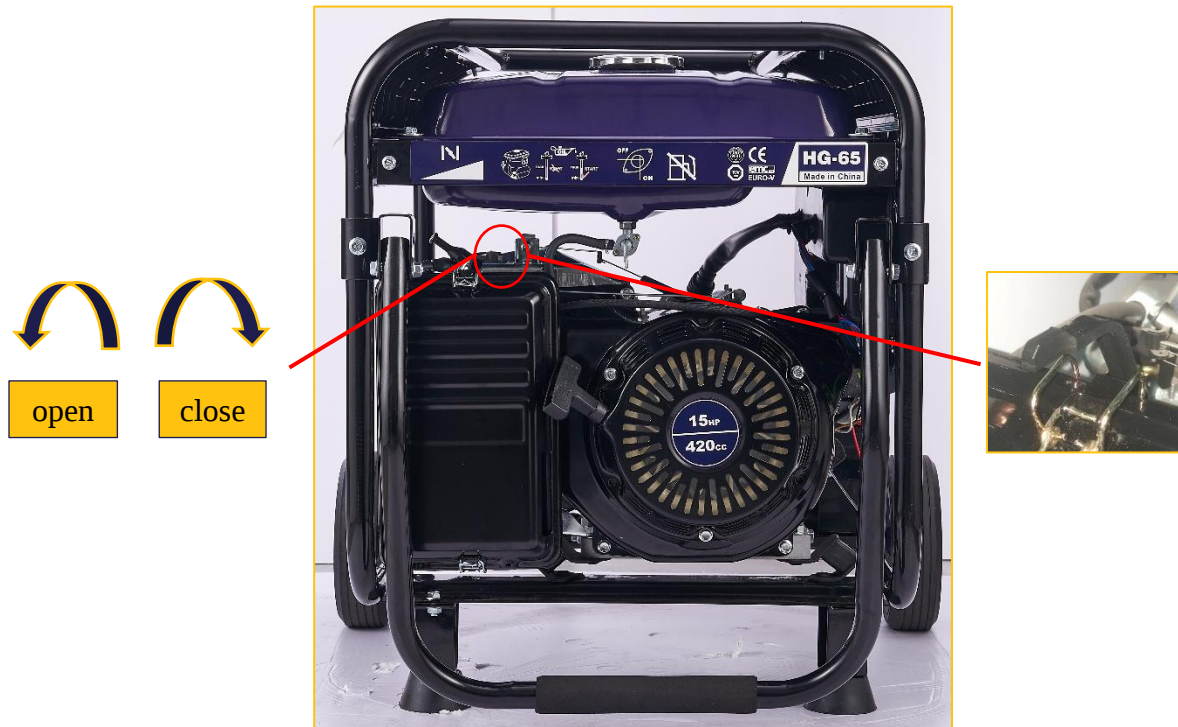
Additional Step (Multi-Fuel Models): Connect the gas regulator to the city-gas supply or gas cylinder (for safety, always use an appropriate clamp). If you are using gaseous fuel, adjust the regulator inlet valve according to the type of gas being used.

IMPORTANT!! Before using city gas or a gas cylinder, read the safety instructions provided at the end of this manual.

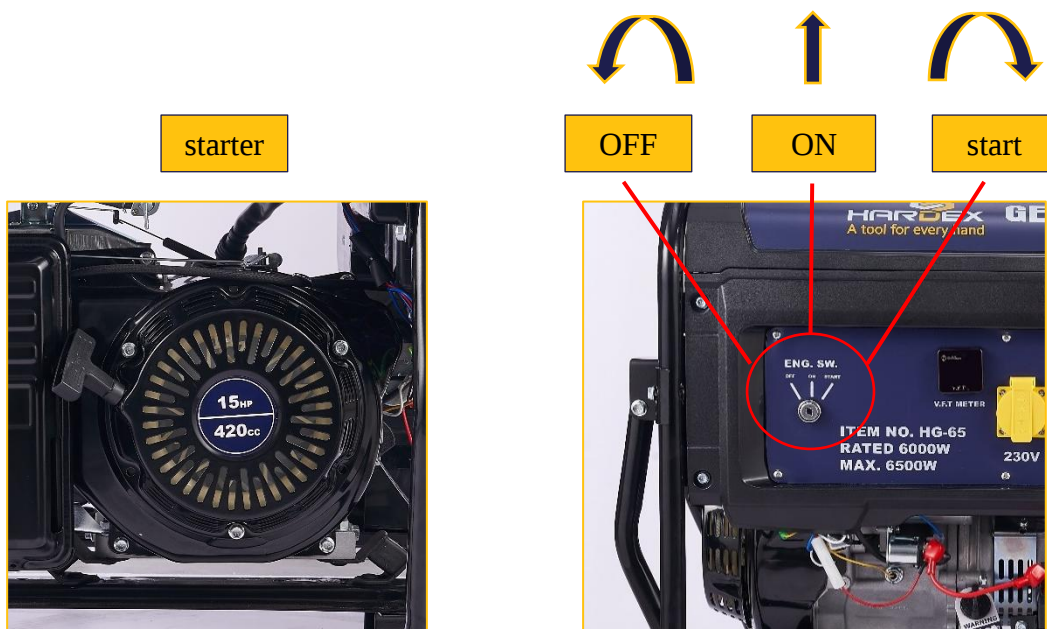


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Step 4: If you are starting the generator for the first time or after a long period of non-use, first place the choke lever in the closed position as shown in the image below.



Step 5: Start the unit. On manual-start (recoil) models, pull the starter handle to start the engine.



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Step 6: As soon as the generator starts, return the choke lever to its original (open) position. If you forget to open the choke, the engine will vibrate severely for a short time and then stop.

Step 7: Using the power switch, you can turn the electrical power to the outlets on or off.



If you have any question or any problem, Please contact us.
phone number: 021-67639

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Essential Safety Tips for Using Gaseous Fuel (Gas Cylinder and City Gas):

1. Always use the appropriate regulator — city-gas and cylinder-gas pressures are different; use the regulator specifically designed for each fuel.
2. For an LPG cylinder, a pressure-reducing regulator (usually 30 mbar) is mandatory; otherwise, the generator valves may be damaged.
3. For city (natural) gas, a city-gas line regulator (medium-to-low pressure reducer) must be installed; never use the network pressure directly.
4. Before making the connection, close the gas-cylinder or city-gas valve, then secure the hose firmly with a metal clamp.
5. Check all connections with soapy water or a leak-detection solution; bubbling indicates a gas leak.
6. Use a standard hose specifically designed for city gas.
7. Keep the gas cylinder outdoors and away from the hot generator and sources of ignition; never place it in an enclosed area.
8. After finishing operation, first close the gas-cylinder or city-gas valve and allow the generator to consume the remaining gas in the hose until it shuts down.
9. Each time the cylinder is replaced, inspect the connection gasket (O-ring); replace it if it is cracked or worn.
10. If you smell gas or suspect a leak, never start the generator. Close the valve, ventilate the area, and correct the problem.