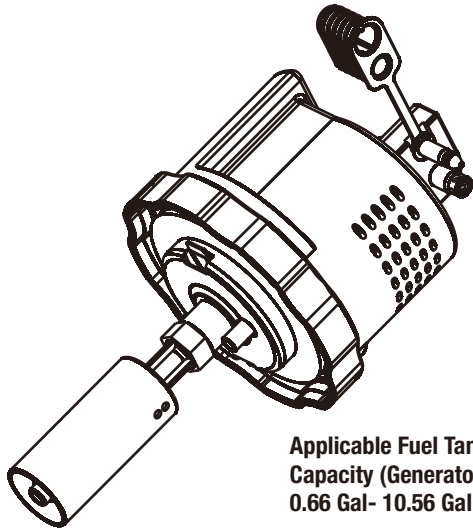


(GMEFP-PLUS) FUEL PUMP

USER USE INSTALLATION MANUAL



Applicable Fuel Tank
Capacity (Generator) :
0.66 Gal- 10.56 Gal (2.5L-40L)



WARNING: SAVE THIS MANUAL FOR FUTURE REFERENCE

This manual contains important information regarding safety. Operation, maintenance and storage of this product. Before use, read carefully and understand all cautions, warnings, instructions and product labels. Failure to do so could result in serious personal injury and/or property damage.



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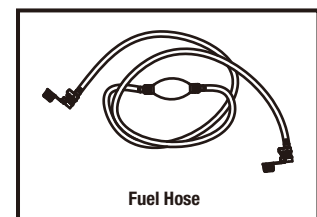
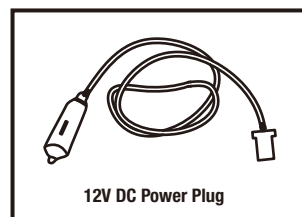
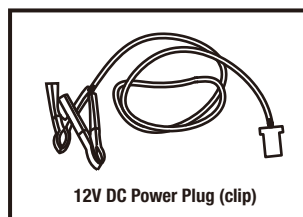
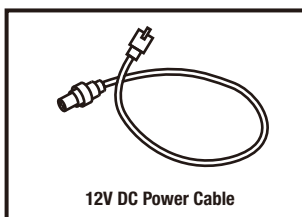
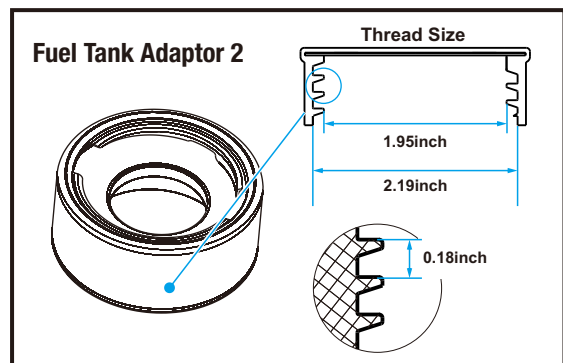
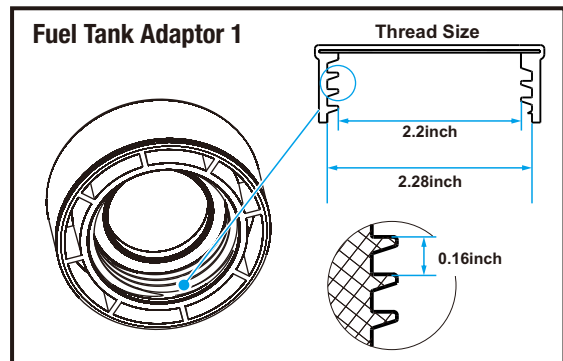
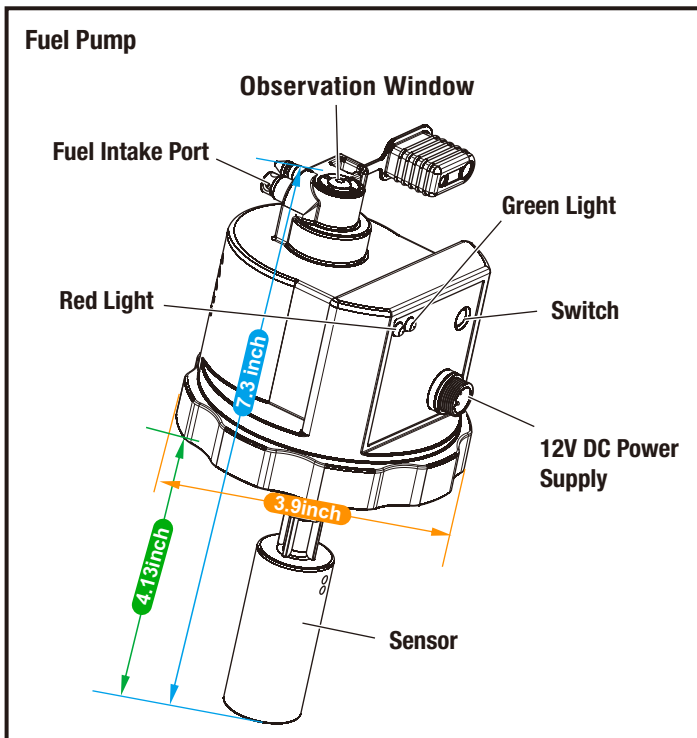


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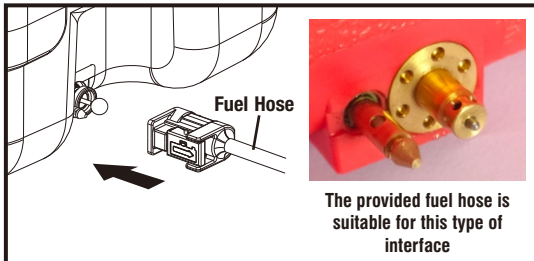
COMPONENT NAME



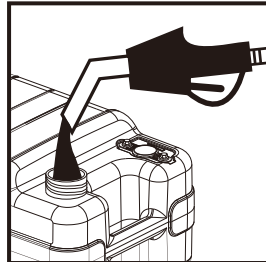
CONNECTING FUEL TANK

The fuel tank needs to be purchased separately.

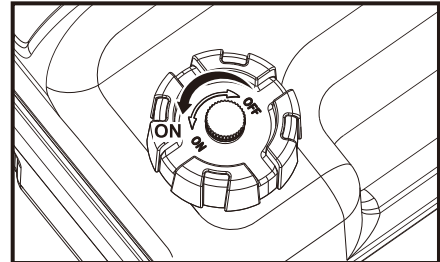
- 1** Connect the fuel hose to the tank.



- 2** Fill with gasoline.



- 3** Turn the tank cap ventilation knob to "ON" before using the generator.



⚠ WARNING

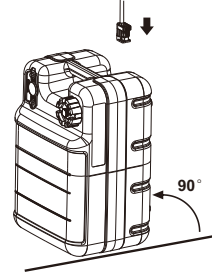


Fuel and its vapors are extremely flammable and explosive which could cause burns, fire or explosion resulting in death or serious injury.

- Fill or drain fuel tank outdoors.
- DO NOT overfill tank. Allow space for fuel expansion.
- If fuel spills, wait until it evaporates before starting engine.
- Keep fuel away from sparks, open flames, pilot lights, 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.

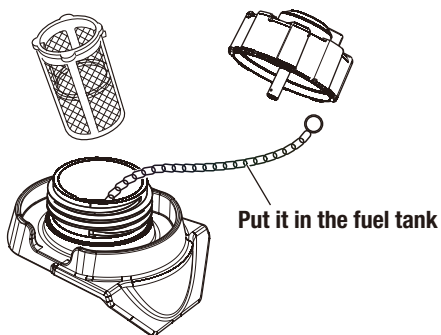
ATTENTION

If the tank is filled with gasoline, rotate the tank 90° before connecting the hose.



FUEL PUMP USE STEPS

1. Open the fuel tank cap of the generator and remove the iron chain connecting the fuel tank to the fuel tank cap.
2. Remove the fuel filter.



3. Tighten the fuel pump to the fuel tank port of the generator.

Choose the installation method based on the fuel tank of the generator:

Metal Fuel Tank (Figure 1)

Place the fuel pump into the fuel tank and rotate it clockwise until it clicks.

Plastic Fuel Tank (Figure 2)

Select the Fuel Tank Adaptor that is suitable for the size of the fuel tank port and install it onto the fuel pump, tighten it clockwise, and then install it onto the generator fuel tank.

Figure 1

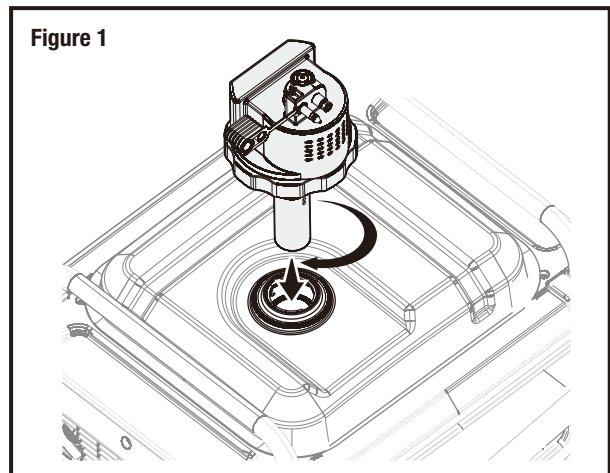
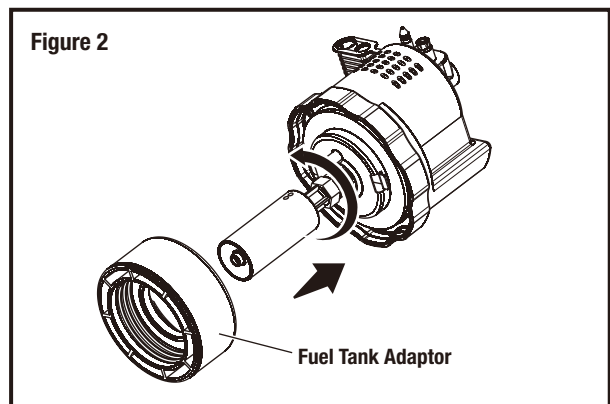
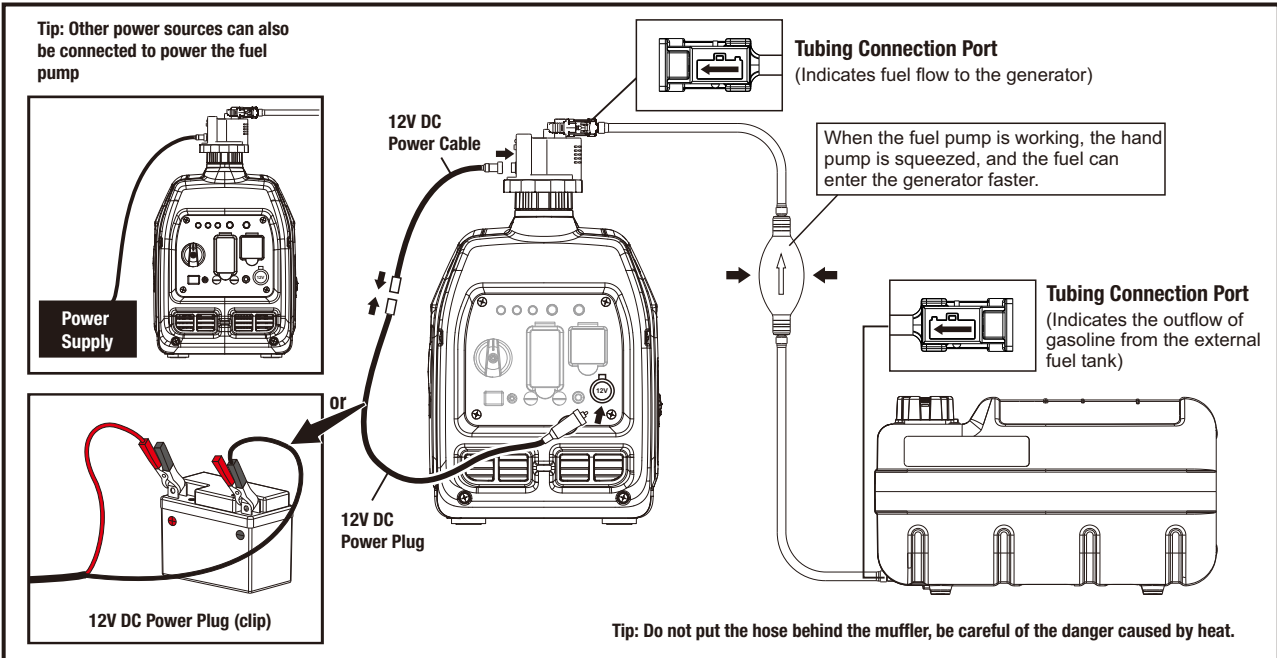


Figure 2



- Use a fuel hose to connect the external fuel tank to the fuel pump.
- Connect the 12V DC power cable to the 12V DC power plug, and then connect to the fuel pump.
- Start the generator and insert the 12V DC power plug into the 12V DC socket of the generator when the motor is stable. Or use the 12V DC Power Plug (clip) to connect the battery.

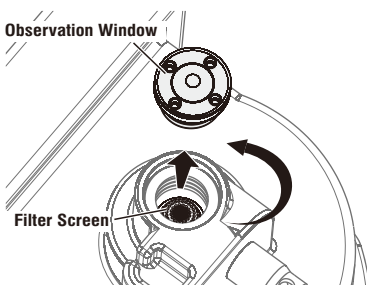
- Press the switch on the fuel pump panel, the red light will be on, and the fuel pump will start to work after 5 seconds, and enter the state of automatic cycle refueling.



ATTENTION

Note: Before assembling the Electronic Fuel Pump to the tank, make sure that the depth of the Fuel tank should be greater than 4.13inch, the diameter of the fuel tank port is 2.17 inches, and the pitch is approximately 0.18 inches.

Observation Window

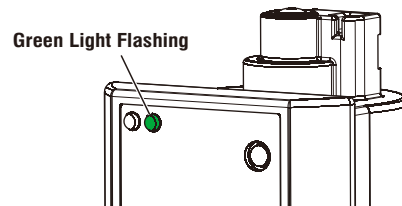


Observe the working status of the fuel pump. If impurities enter the fuel pump, unscrew the observation window to remove the impurities.

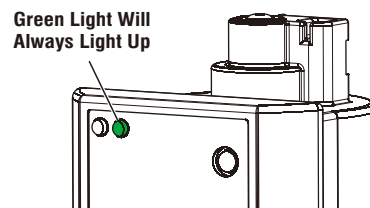
Indicator Light:

- Standby: The green indicator light flashes 1 time per second.
- Working: the green indicator light is always on.
- Forced shutdown: the red indicator light flashes 2 times per second.

- The fuel pump will check the fuel level before starts.
- When the fuel level is high, the fuel pump will not work, at this time, the fuel pump is in standby mode and the green indicator light is flashing.



- When the fuel level is low, the fuel pump will start to work, and the green light will be on.



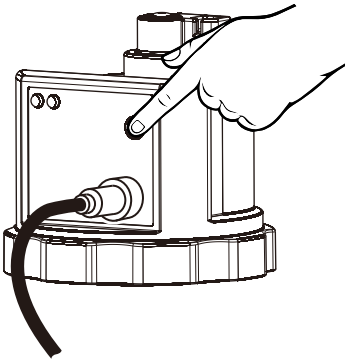
- When the fuel level is high, and the fuel pump will stop, the fuel pump will enter in standby mode.

Tip

If the fuel pump has not reached the high fuel level after 10 minutes of continuous operation, it will be forced to stop and enter in the protection mode. At this time, it is necessary to check whether there is no gasoline in the fuel tank or the fuel pipe is blocked, or the fuel pump does not work.

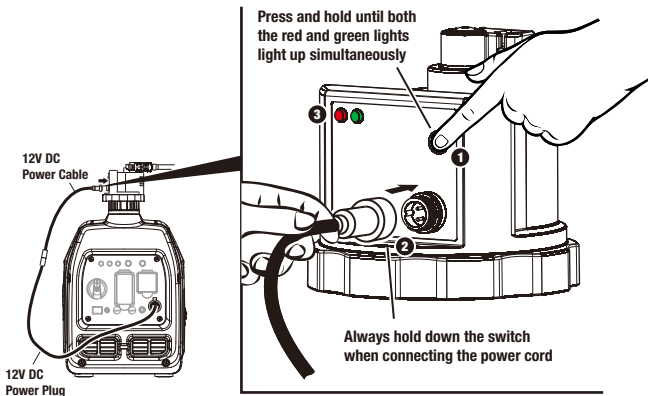
ATTENTION

After the forced shutdown, you need to disconnect the power or press the on/off key to unlock (every time you press the on/off key, you will wait for 5 seconds before starting).



Set the Working Time of the Fuel Pump

1. Enter settings mode: Press and hold the switch button, then connect the power cord. (Do not release the switch button) After about five seconds, both the green and red lights will light up, and the fuel pump has entered the setting mode.



2. Set working hours: Each press of the switch indicates a different time.

One Cycle:

10 minutes → 20 minutes → 30 minutes → 40 minutes

Indicator Light Prompt:

10 minutes	Green light stays on for a long time
20 minutes	Red light stays on for a long time
30 minutes	Green light flashing (4 times per second)
40 minutes	Red light flashing (4 times per second)

3. After determining the time, wait for five seconds for the fuel pump to automatically save the selected time and exit the setting.

Query the Set Working Time

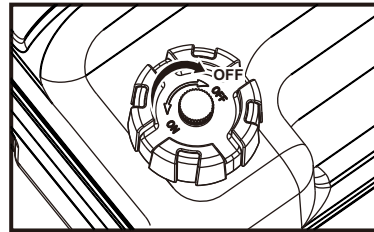
Connect the power to the fuel pump, press and hold the switch button for 3 seconds, and then enter the query mode. After the indicator light prompts, automatically exit the query mode.

10 minutes	Flashing green and red lights simultaneously 1 times
20 minutes	Flashing green and red lights simultaneously 2 times
30 minutes	Flashing green and red lights simultaneously 3 times
40 minutes	Flashing green and red lights simultaneously 4 times

Storage The Fuel Pump

1. Please refer to the generator instruction manual and turn off the generator;
2. Remove the power plug of the fuel pump and disconnect the fuel hose to the fuel pump;
3. Remove the fuel pump and replace with the fuel tank cap of the generator;
4. Remove the fuel hose from the external fuel tank and turn the ventilation knob on the fuel tank cap to OFF.

NOTE: Fuel pump, gasoline hoses and fuel tanks should be stored in a clean and dry area, away from direct sunlight and away from fire sources.



ATTENTION

This product is a "temporary" automatic fuel tank refill device. Do not use this product unguarded. If a fault or abnormal situation occurs, disconnect the power supply immediately.

⚠ WARNING



Operating a generator can be dangerous if not used properly. To ensure the safe and correct operation of the generator, always refer to the generator user manual.