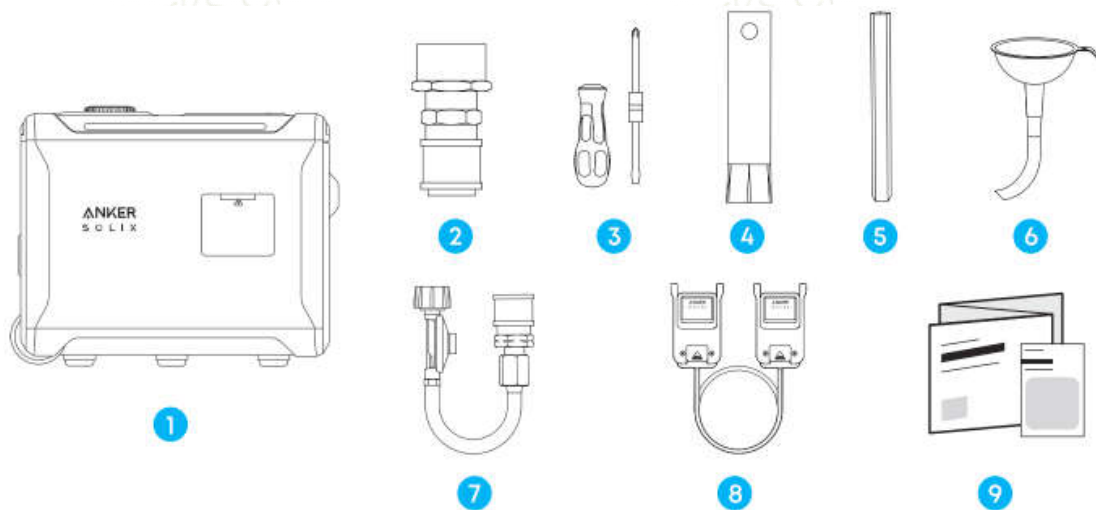


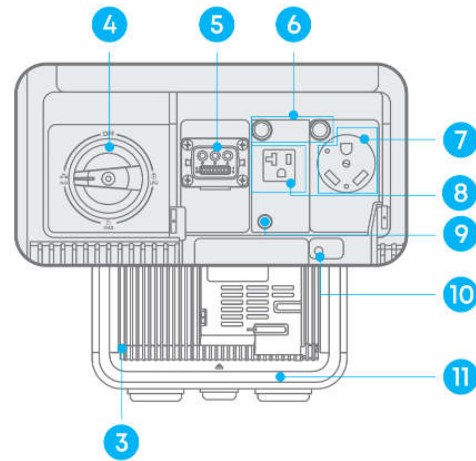
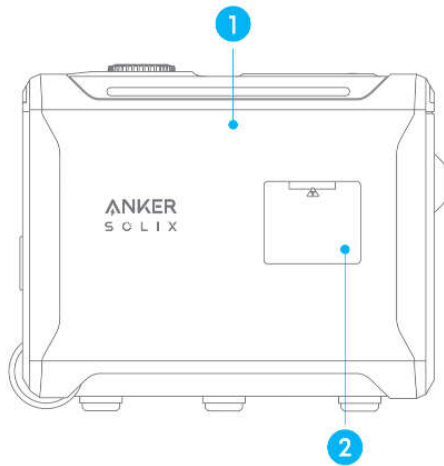
A7320J40_Anker SOLIX Smart Generator 5500 (Tri-Fuel)_User Guide

1. Unboxing

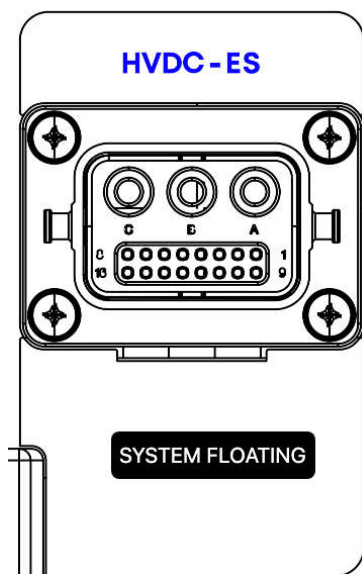


1. Anker SOLIX Smart Generator 5500 (Tri-Fuel)
2. Natural Gas Adapter
3. 2-in-1 Screwdriver
4. Spark Plug Socket
5. Breaker Bar
6. Oil Funnel
7. Propane Tank Hose (4.7 ft / 1.3m)
8. DC Charging Cable (9.8 ft / 3m)
9. Documents

2. Product Overview

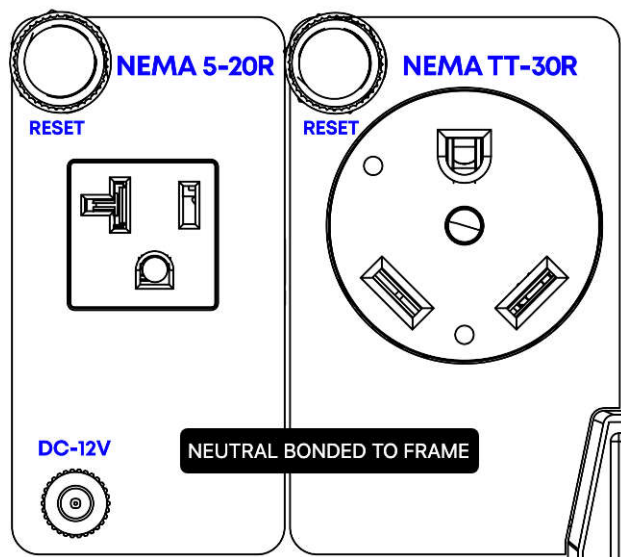


1. Light Bar
2. Starter Grip
3. Air Inlet
4. Engine Switch
5. DC Output Port



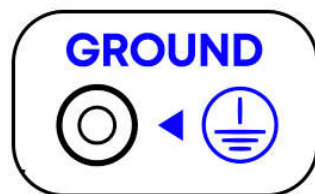
6. Thermal Protectors
7. NEMA TT-30R AC Output Port
8. NEMA 5-20R AC Output Port

THERE IS A PERMANENT CONDUCTOR BETWEEN THE GENERATOR (STATOR WINDING) AND THE FRAME.

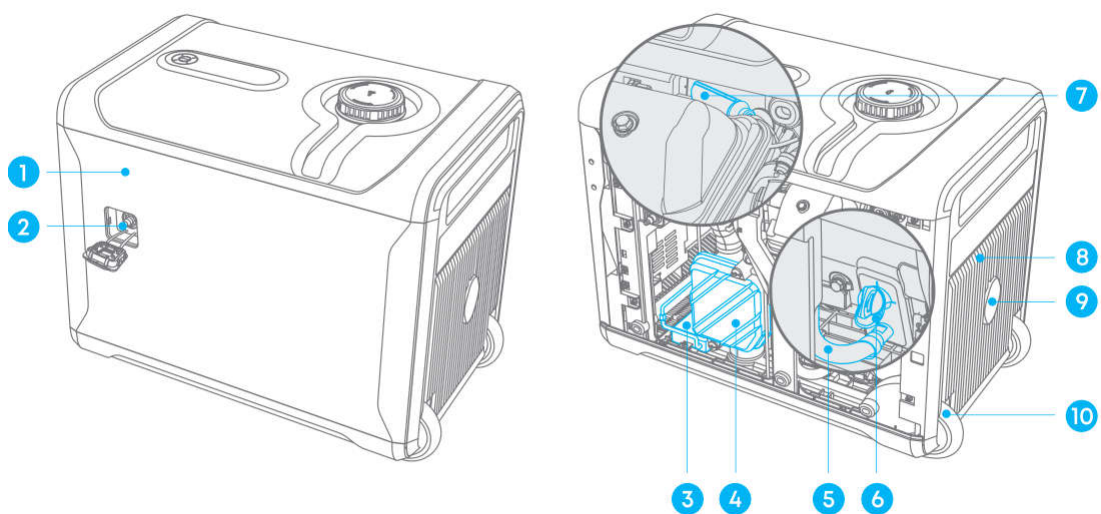


9. Charging Port for Starter Battery

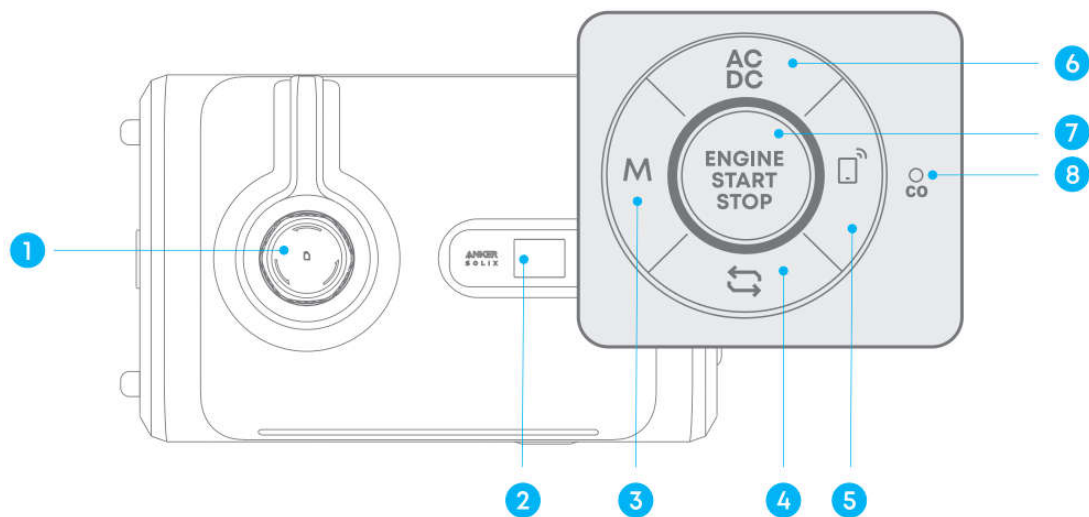
10. Ground Terminal



11. Handle



1. Maintenance Cover
2. LPG / NG Inlet
3. Starter Battery
4. Air Filter
5. Engine Oil Drain Pipe
6. Engine Oil Cap / Dipstick
7. Spark Plug
8. Air Outlet
9. Spark Arrester
10. Wheels



1. Gasoline Inlet
2. Screen Display
3. Mode Switch Button
4. Screen Switch Button
5. IoT Button
6. AC / DC Switch Button
7. Engine Start / Stop Button
8. Carbon Monoxide Alert Light

3. Get Started



Read the safety information document completely before getting started.

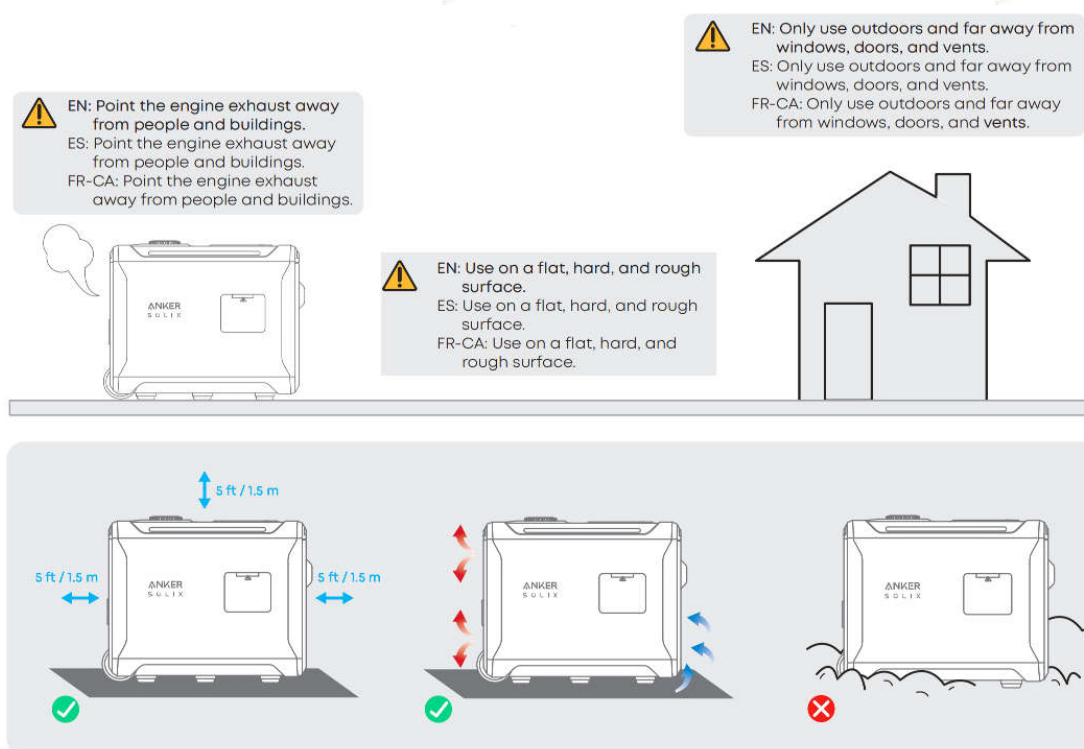
3.1 Move the Generator Outdoors

Point the engine exhaust away from people and buildings.

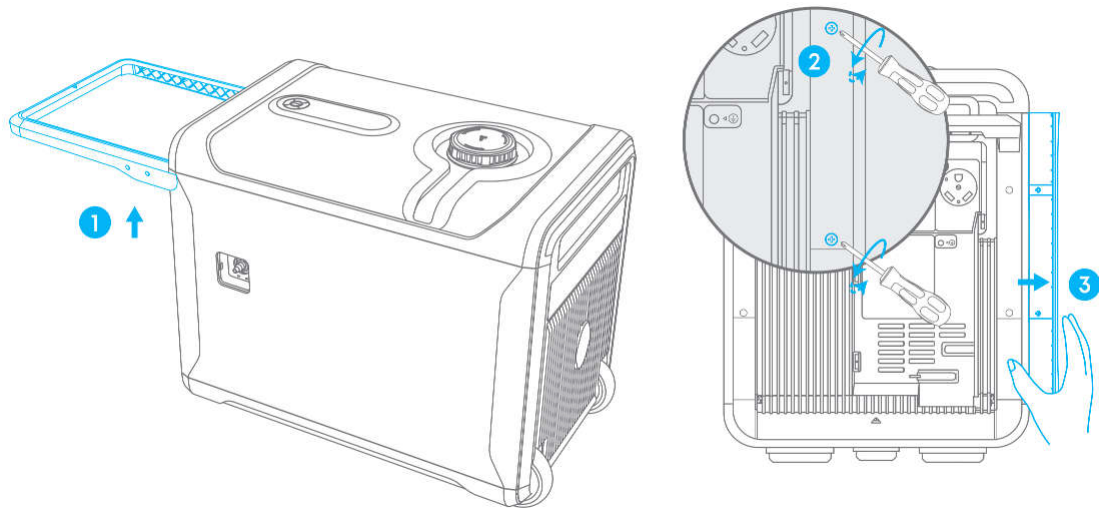
Use on a flat, hard, and rough surface.

Only use outdoors and far away from windows, doors, and vents.

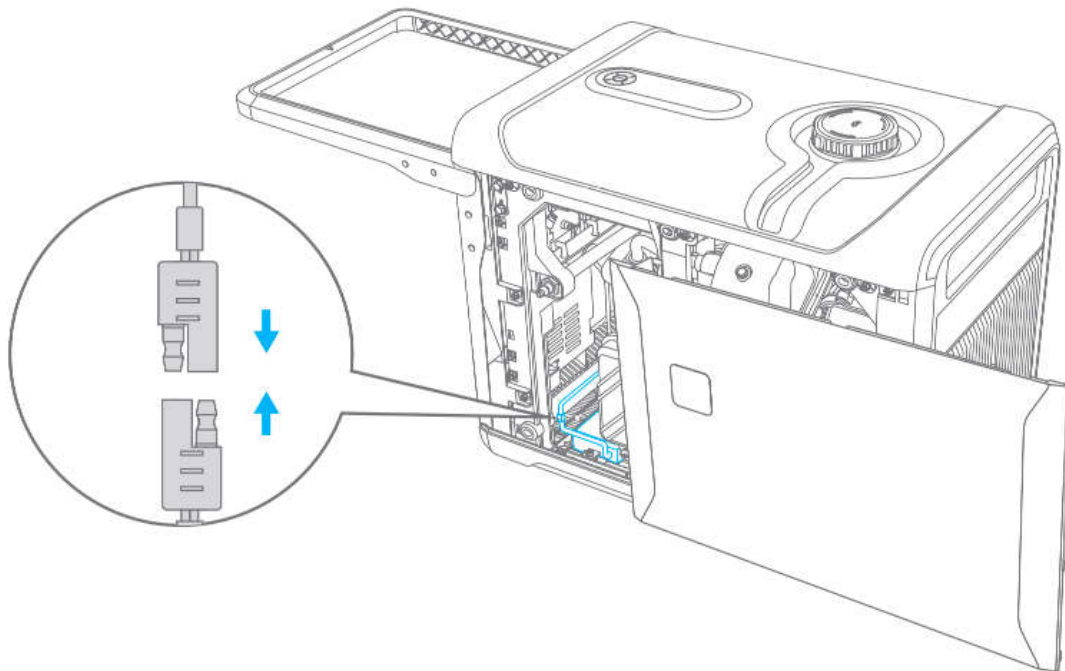
5 ft / 1.5 m



3.2 Remove the Maintenance Cover



3.3 Connect the Starter Battery



3.4 Add Engine Oil

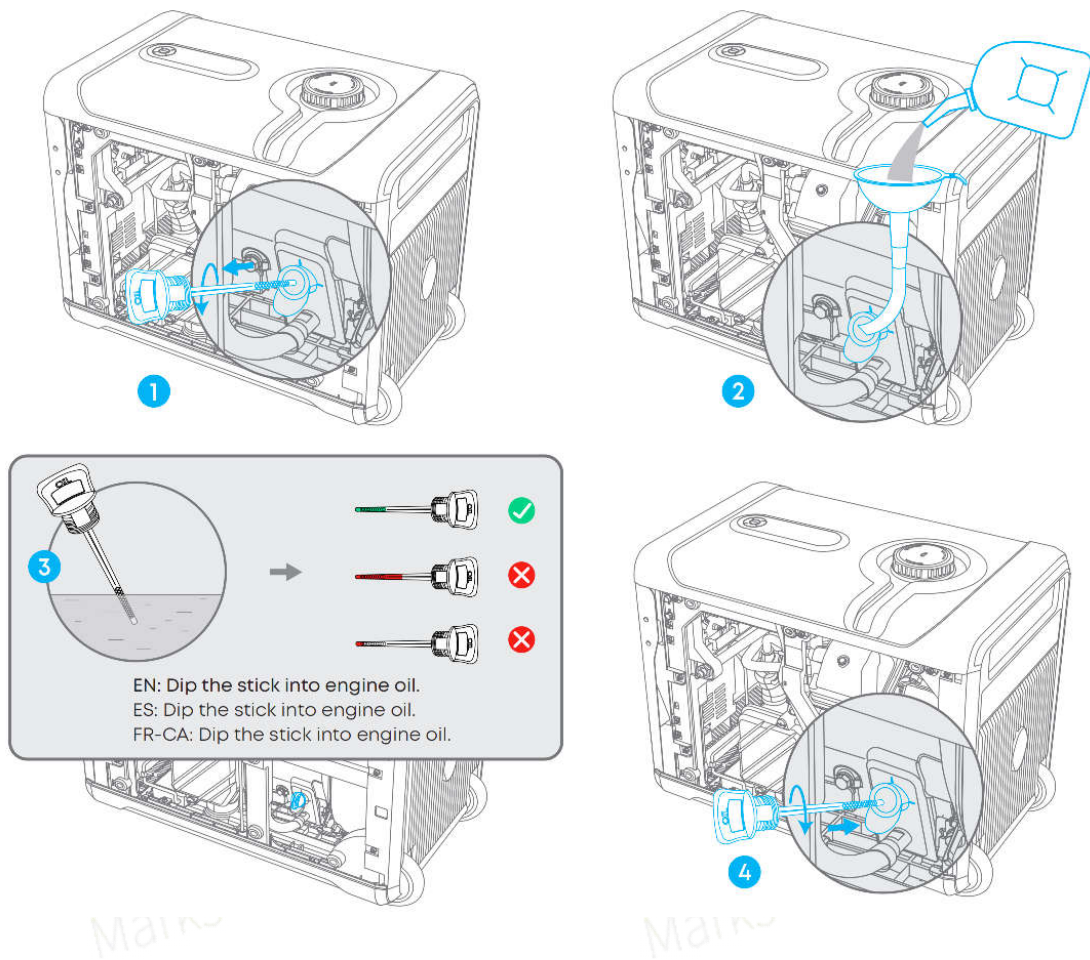
Recommended:

SAE SJ 10W-40 (API Grade SJ or higher)

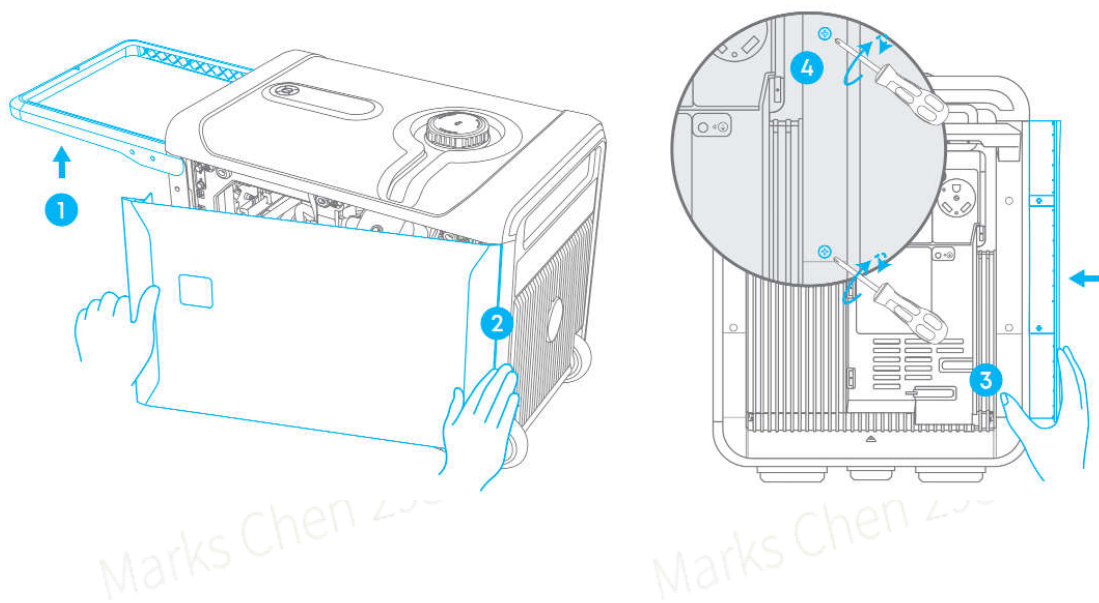
Quantity:

650 ml / 22 oz

Dip the stick into engine oil.



3.5 Install the Maintenance Cover



3.6 Add Fuel

 Make sure the generator is turned off before adding fuel.



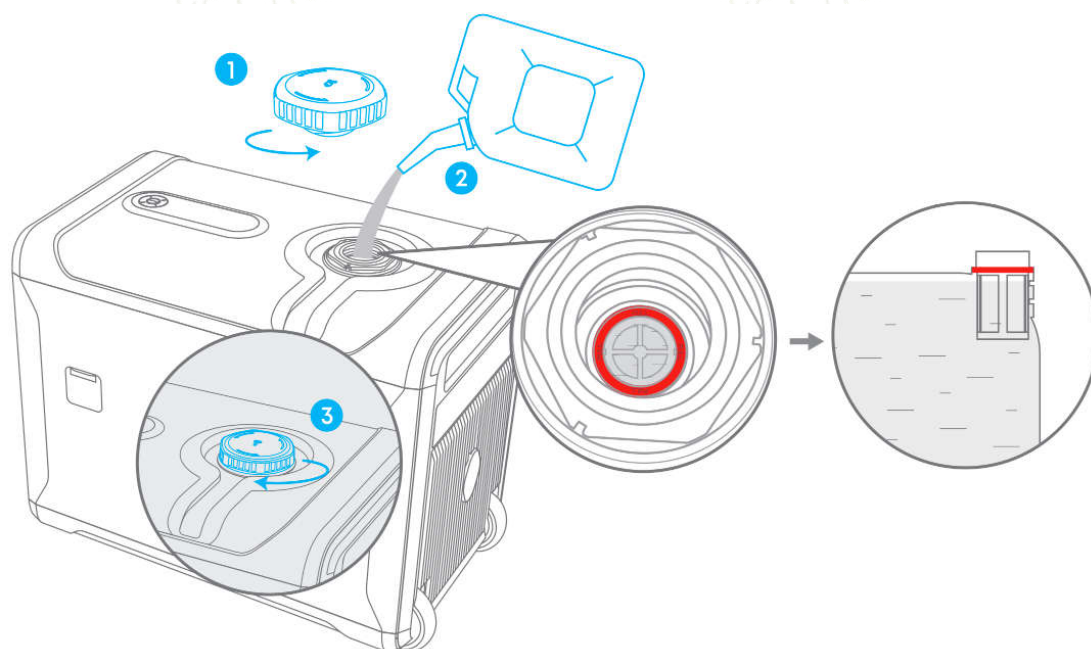
Use Gasoline

Recommended:

Unleaded gasoline

Capacity:

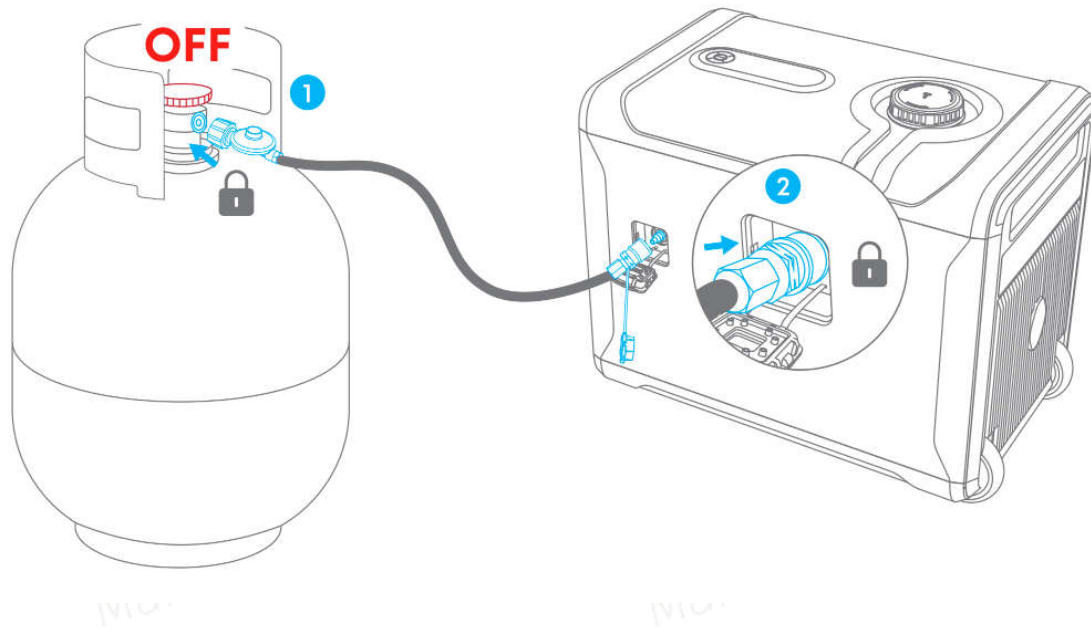
10L / 2.64 gal



Use Liquefied Petroleum Gas (LPG) or Propane

Compatible Propane Tank:

20/30/40/100 lb (9/13.6/18/45.4 kg)



Use Natural Gas (NG)

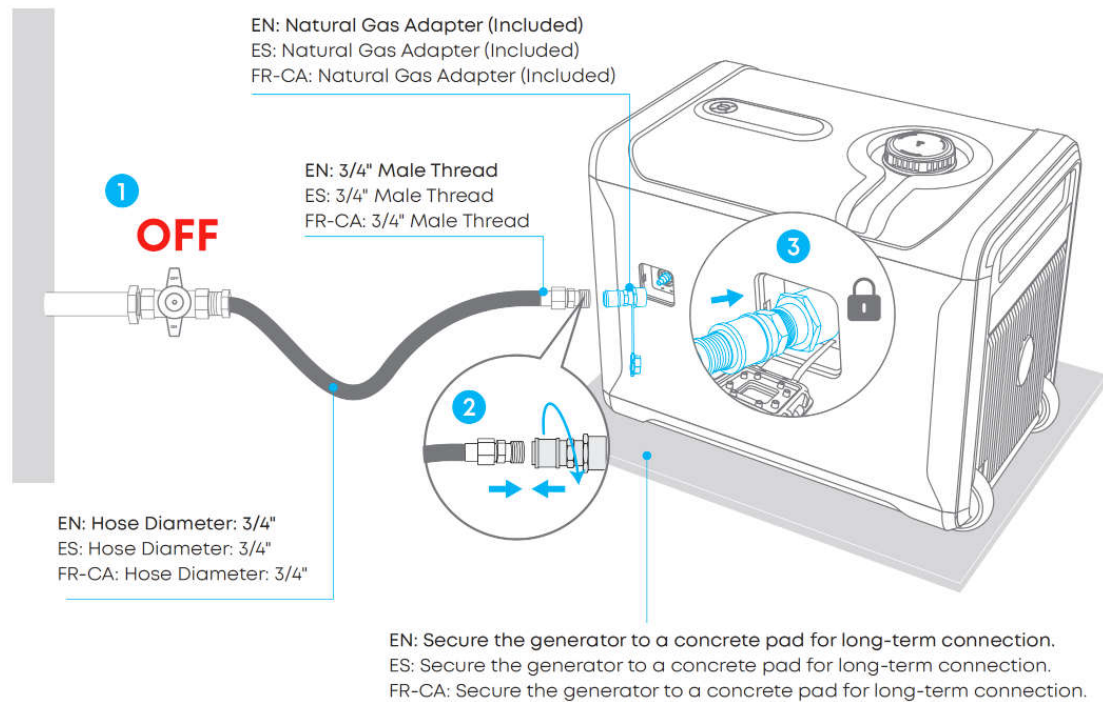


- A dedicated NG fuel supply line with shut-off valve is mandatory for proper operation. The gas supply line and shut-off valve coming out of the house **MUST** be sized to the minimum flow rate as specified in the following table. Improper gas supply sizing from the house is the number one cause for poor operating performance such as hard starting or poor output power.
- Consult your local fuel supplier and municipality for guidance on proper local codes and installations. All piping must comply with local codes. NG line connections should be made by a certified plumber familiar with local codes.
- **NEVER** place NG connector hose in the path of the generator's muffler exhaust gas stream while the generator is running.

To connect the NG hose, follow the steps below.

1. Close the NG supply valve.
2. Connect the male thread end of the NG hose to the natural gas adapter.
3. Remove the rubber protective plug from the natural gas adapter. Pull and hold

the outer collar and insert the adapter into the generator. Release the outer collar. Pull on the hose to make sure it is securely connected to the generator.



3.7 Check before Startup

Engine oil

- Proper level
- No leaks

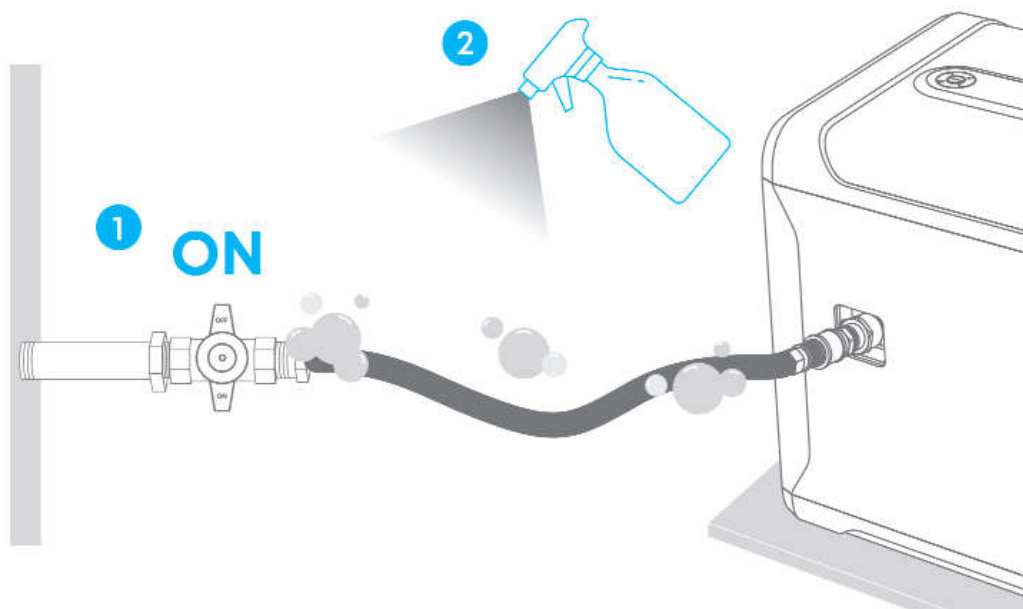
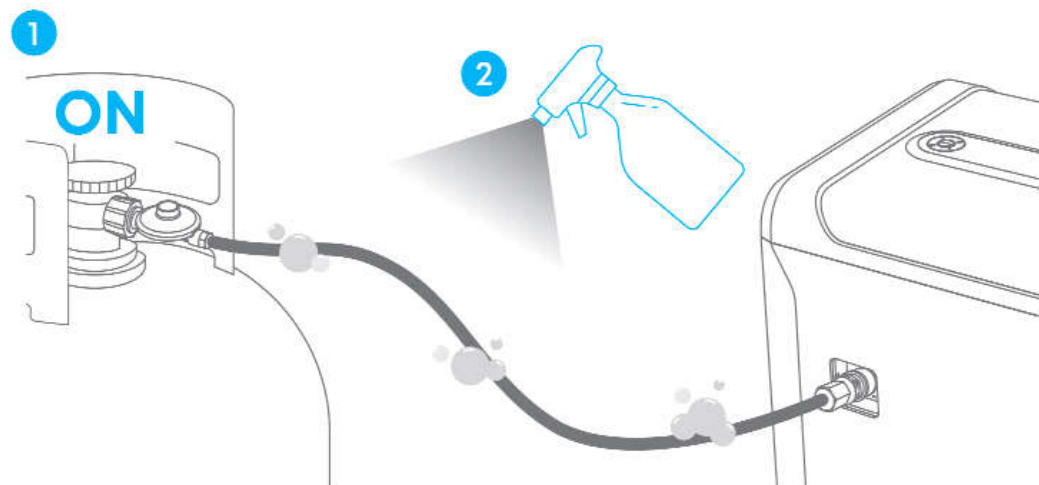
Gasoline

- Proper level
- No spills

LPG or NG

- Cylinder away from heat
- Valid cylinder inspection date
- Hose not bent or twisted
- No leaks*

***Check for leaks:** Turn on the supply and apply soapy water to all connections. If you see bubbles, there is a leak. Turn the supply off immediately and contact customer service.



4. Start Up

4.1 Power On and Select Fuel Type

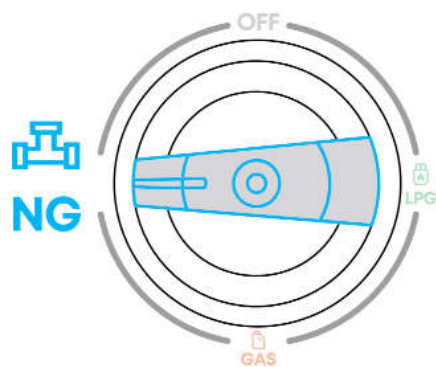
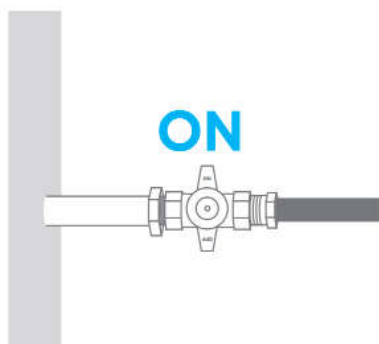
Turn the engine switch to your desired fuel type. This will automatically power on your generator.

Gasoline

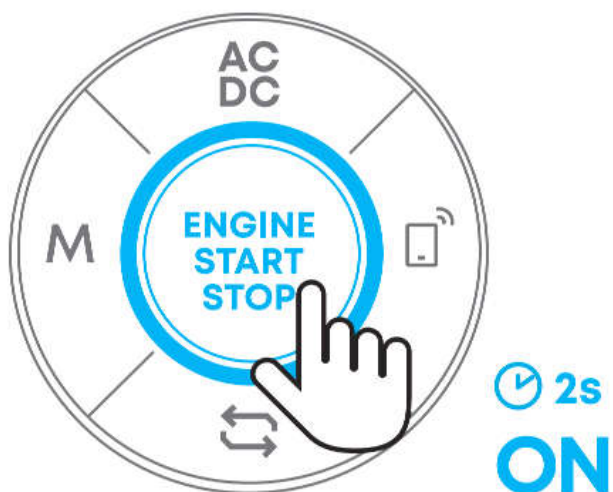
LPG



NG



4.2 Start the Engine

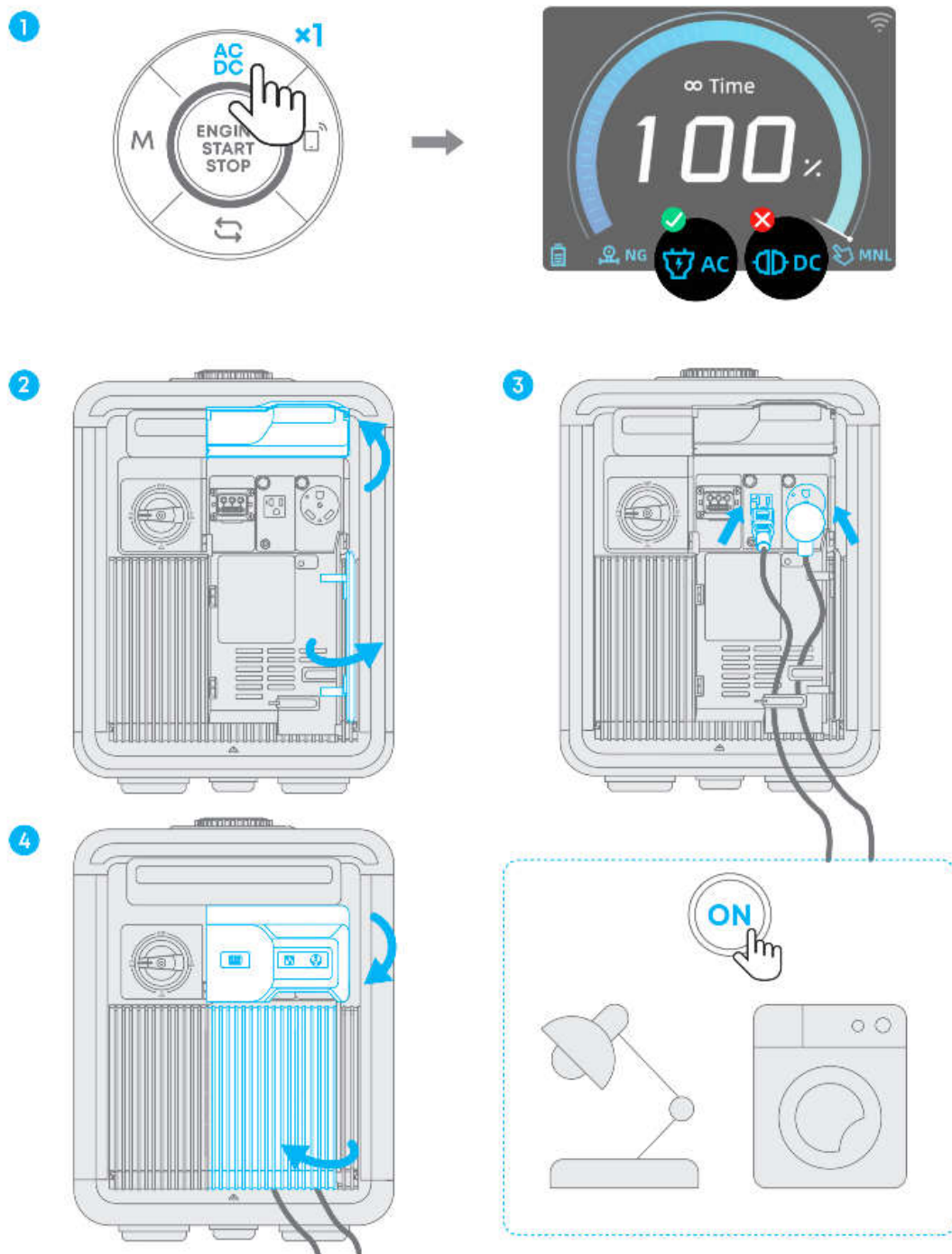


 Changing the fuel type during engine operation will cause the engine to stall.

5. Power Your Devices

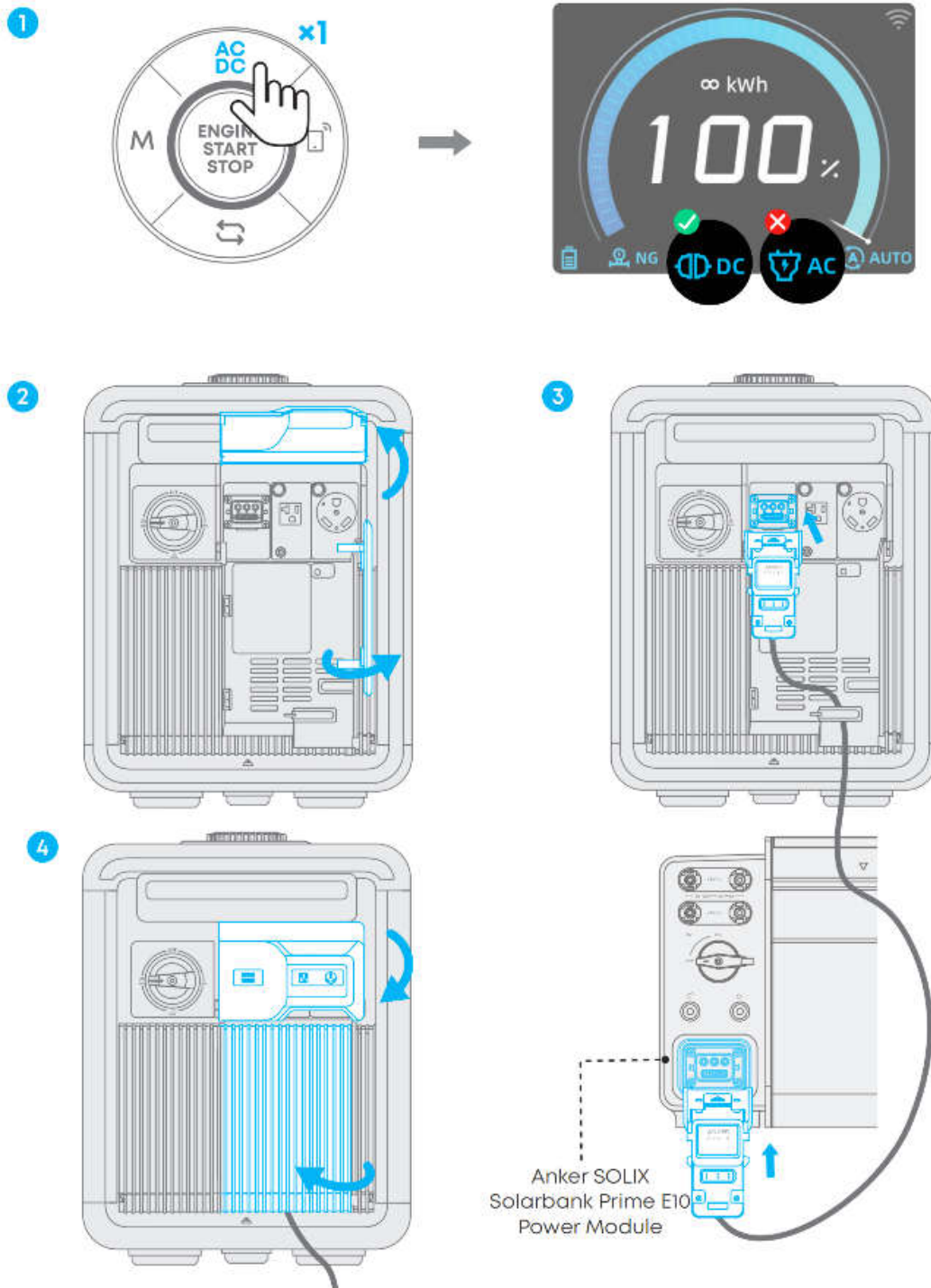
5.1 Power AC Devices (AC Mode)

Connect the device to the AC output port of the generator.



5.2 Charge Power Storage Device (DC Mode)

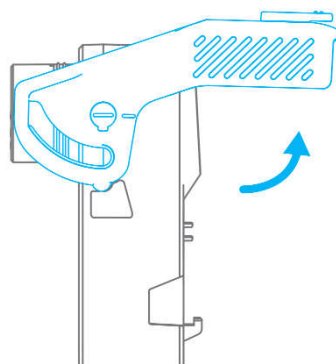
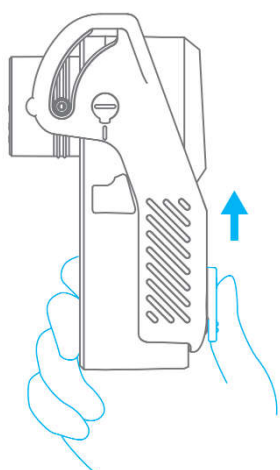
The generator can charge an Anker SOLIX power storage device via the DC output port. For the latest compatibility information, please see the online user guide.



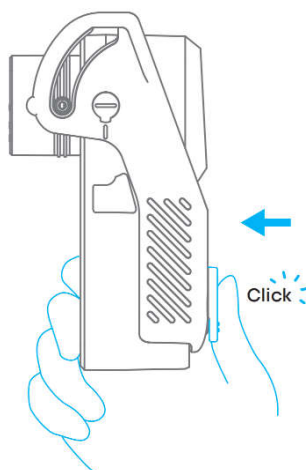
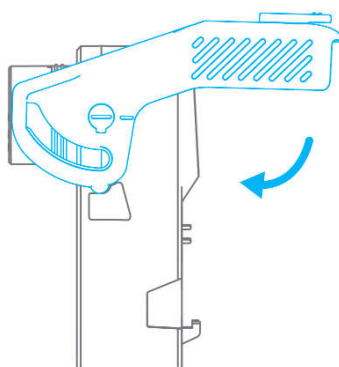
Anker SOLIX Solarbank Prime E10 Power Module

In DC mode, the power storage device can also charge the starter battery.

🔓 Unlock the plug before connection.



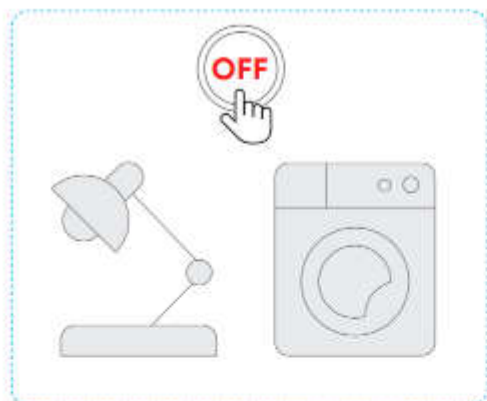
Lock the plug after connection.



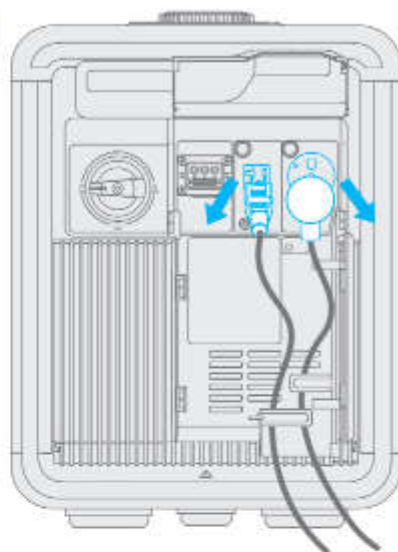
6. Power Off

6.1 In AC Mode

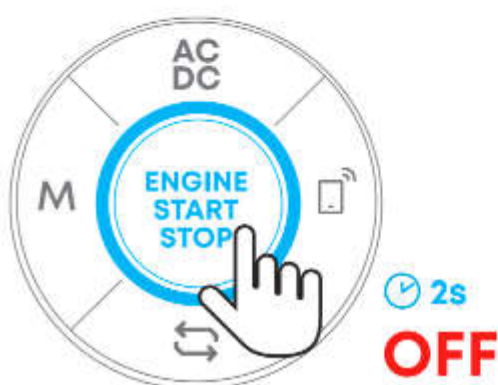
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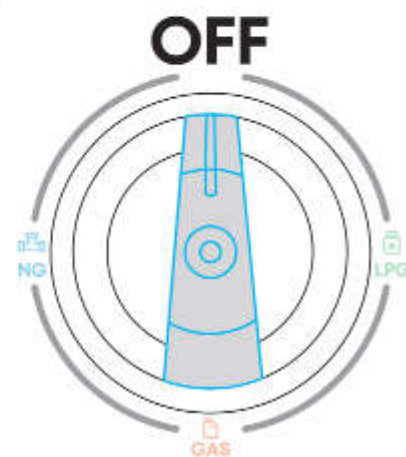
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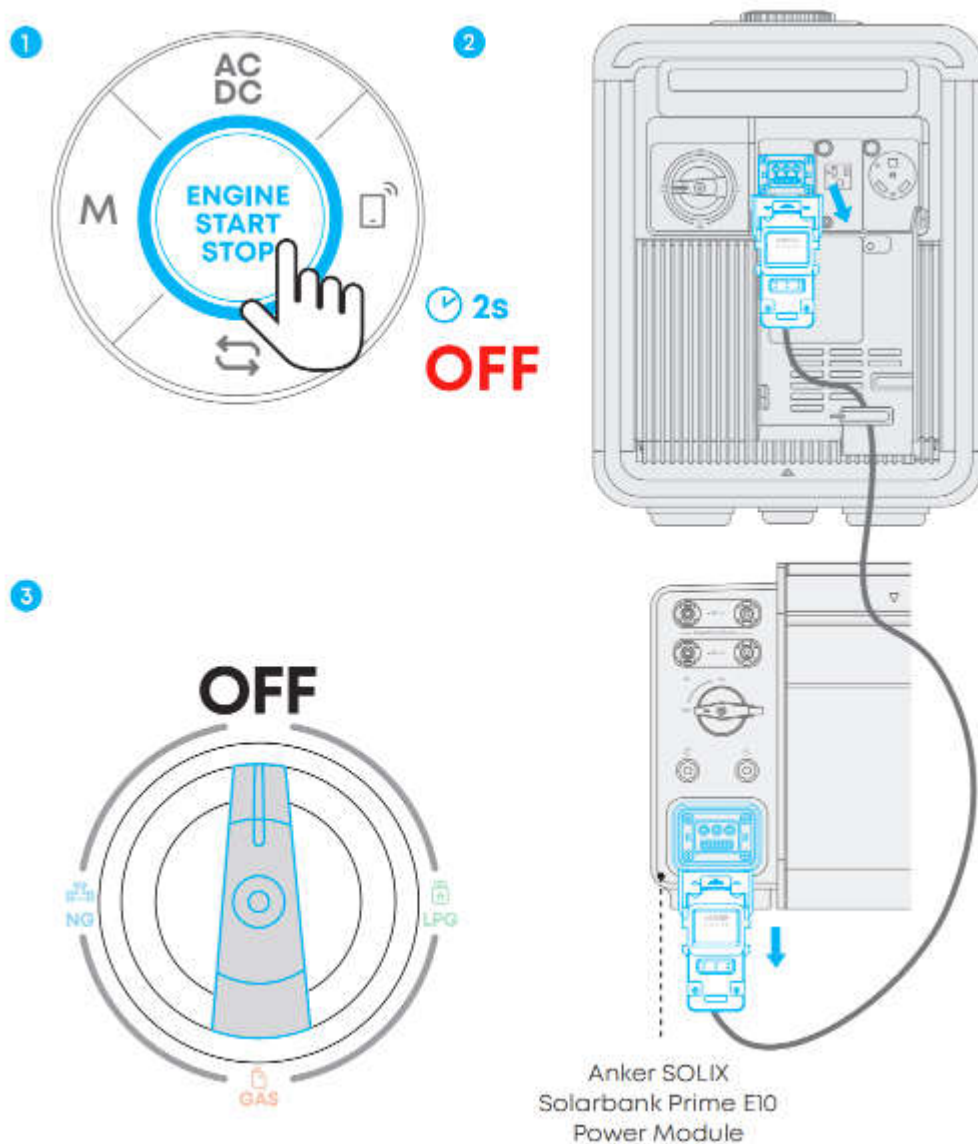
3



4



6.2 In DC Mode

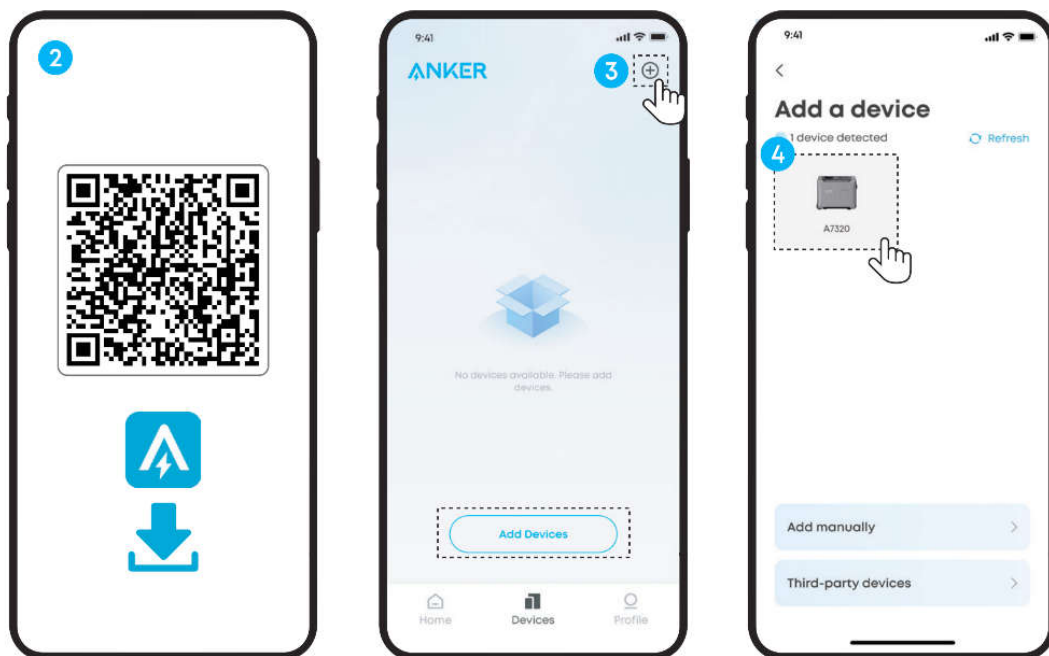
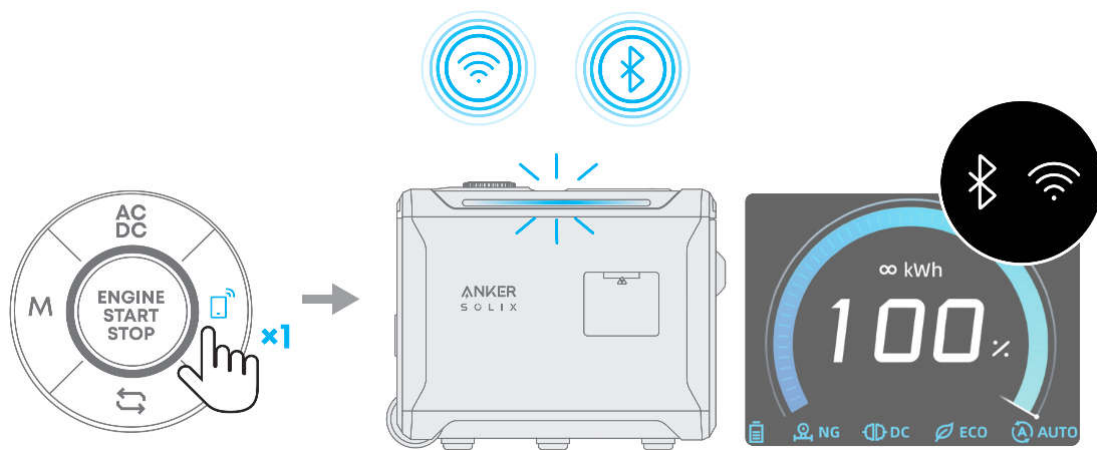


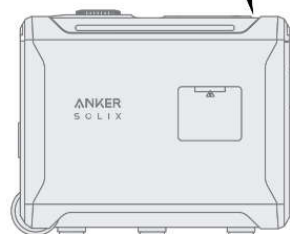
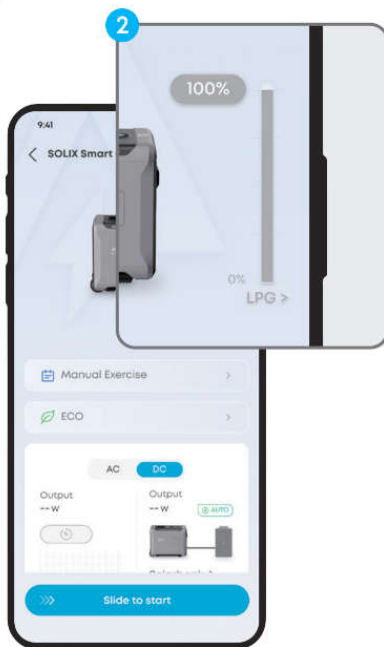
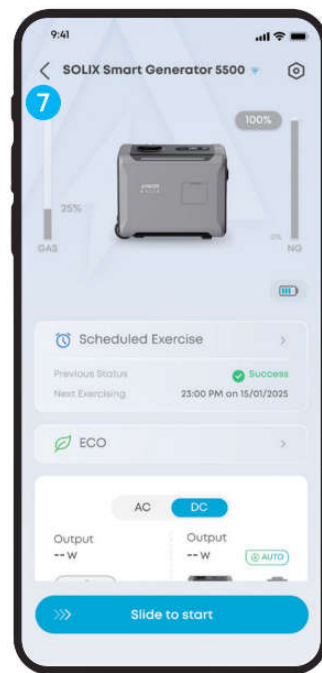
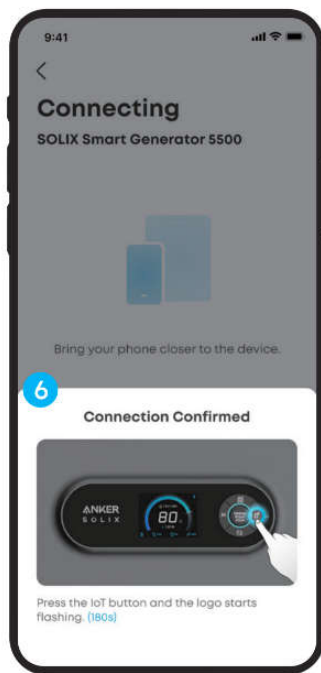
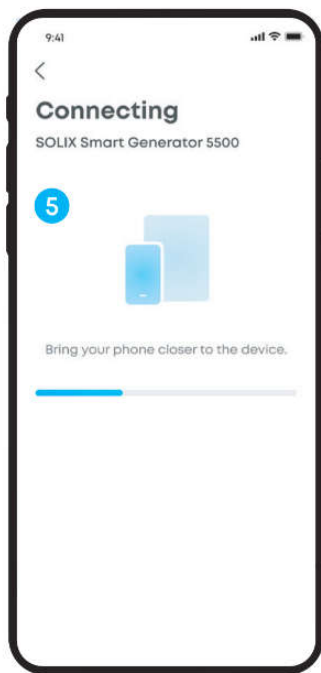
Anker SOLIX Solarbank Prime E10 Power Module

- ⚠ To power off the generator in an emergency, turn the engine switch to the OFF position.

7. Anker App for Smart Control

- ① Ensure the generator is powered on. Press the IoT button to enable networking mode.





Use Anker SOLIX Smart Generator Propane Tank Sensor (sold separately) to check the LPG level. Refer to the sensor's guide for instructions.

8. Maintenance and Servicing

Regularly check and service your generator to keep it in optimal condition based on the maintenance schedule.

8.1 Maintenance Precautions

Proper maintenance and servicing are essential to ensure safe, economical, and reliable usage. This also helps minimize your environmental impact.

Before undertaking any maintenance, carefully review the following safety precautions:

1. **Disconnect from power:** Power off the generator before beginning any maintenance or servicing.
2. **Beware of burns:** Allow the generator to cool down completely before touching any part of it, as the engine and other components, including the exhaust system, can remain extremely hot even after shutdown.
3. **Prevent accidental starts:** Separate the spark plug cap from the spark plug to prevent the generator from starting up.
4. **Ventilate the work area:** Ensure the working area is well-ventilated to avoid inhaling exhaust gas, which may cause personal shock, loss of consciousness, or even death.
5. **Fuel safety:** Fuel is highly combustible. Keep it away from heat and ignition sources while performing maintenance tasks.
6. **Level ground:** Place the generator on a flat and stable surface to ensure stability.

8.2 Maintenance Schedule

Regularly check and service your generator to keep it in optimal condition based on the maintenance schedule.

Notes:

- Maintenance is based on runtime or calendar time, whichever comes first.
- If the generator set operates under the condition of high temperatures and heavy loads, replace the engine oil every 50 hours.
- If the generator set operates in dusty or harsh environments, replace the air filter element every 50 hours. Spot-check items based on the cycle or time length, whichever comes first.

- If the generator reaches a servicing interval, perform the servicing as soon as possible according to the requirements in the table.

Before Each Use

- Check or add engine oil
- Check LPG / NG inlet (for leaks)

After 20 Hours of Operation

- Replace engine oil

Annually, or Every 50 Hours of Operation

- Replace engine oil
- Check/clean/replace air filter element

Annually, or Every 100 Hours of Operation

- Replace engine oil
- Replace air filter element
- Clean/adjust spark plug ¹
- Clean spark plug arrester
- Clean fuel filter strainer

Every 250 Hours of Operation

- Clean combustion chamber
- Clean/adjust valve clearance ²

Every 3 Years

- Replace fuel pipe ²
- Replace LPG hose ²

¹ These items should be replaced if necessary.

² These items should be serviced by their respective dealers unless the user has the appropriate tools and maintenance capacity.

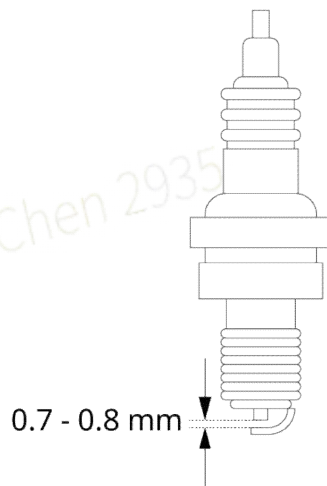
8.3 Maintenance Instructions

Inspect the Spark Plug

The spark plug is an important part of the generator and must be checked regularly.

1. Use the screwdriver provided in the package to unscrew the maintenance cover, and then remove the cover.
2. Take off the spark plug cap.
3. Use the spark plug socket and breaker bar to remove the spark plug.
4. Check for any color fading and remove any carbon deposits. The porcelain around the spark plug center electrode should be light brown if it is in good condition. Replace the electrode if it is worn, or if the insulation is peeling, cracked, or dirty.
5. Check the spark plug model and ensure it has sufficient clearance. If needed, adjust the gap.

Note: Incorrect spark plug gap may cause engine damage.



Tip:

- Standard spark plug: A5RTC
 - Spark plug gap: 0.7-0.8 mm
6. Reinstall the spark plug with a torque of $13.5 \pm 1.5 (N \times m)$.

Note: If you don't have a torque wrench, tighten the spark plug until snug, then continue turning an additional 1/4 to 1/2 rotation.

7. Reinstall the spark plug cap.
8. Reinstall the maintenance cover.

Adjust the Carburetor

The carburetor is an important part of the engine and should be adjusted by a dealer

with professional knowledge, data, and equipment to ensure proper adjustment.

Notice:

In high-altitude areas, the atmospheric pressure may reduce the amount of air intake, decline the performance, and increase the fuel consumption of standard carburetors. Moreover, the dense mixture may contaminate the spark plug and lead to starting difficulties. When the generator is running at high altitudes (above 3000 feet / 914 m), the emissions may increase.

Replace the Engine Oil

1. Place the generator on a level surface. Start the generator and let it run for a few minutes to warm up the oil. Then, shut down the generator.

Note: The oil temperature will be very high. Take care to avoid burns when draining the oil.

2. Use the screwdriver provided in the package to unscrew the maintenance cover, and then remove the cover.

3. Remove the oil dipstick.

4. Place the oil basin under the generator and tilt the generator. The oil will drain quickly.

Note: Improper disposal of engine oil can harm the environment. If you replace the engine oil yourself, dispose of it properly. Store the used oil in a sealed container and take it to a nearby oil recycling center. Do not pour it into trash cans, onto the ground, or down the sewer.

5. Place the generator back in its original horizontal position.

6. Refill the oil to the proper level.

Note: Be careful to prevent any foreign objects from entering the engine.

7. Wipe the oil dipstick clean and remove any spilled oil.

8. Reinstall the oil dipstick.

9. Reinstall the maintenance cover.

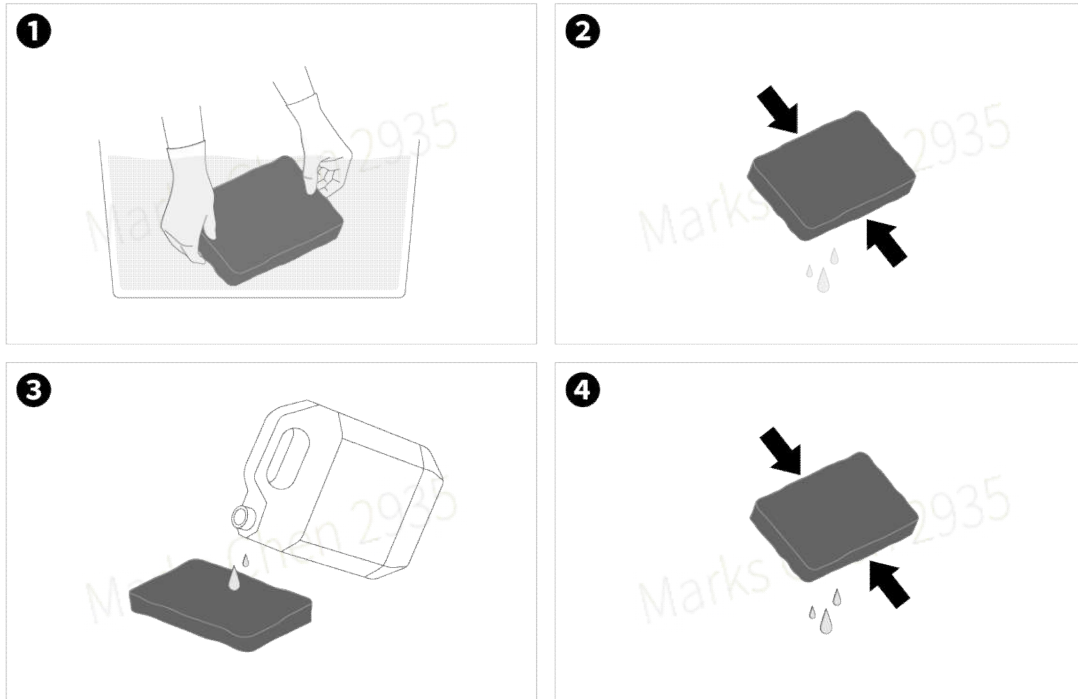
Clean the Air Filter

1. Use the screwdriver provided in the package to unscrew the maintenance cover, and then remove the cover.

2. Take off the air filter cover and internal foam filter element.

3. Clean the foam filter element with soapy water or a nonflammable solvent, then dry it. Add engine oil to the foam filter element and squeeze out the excess oil. The foam filter element should be wet but not dripping oil.

Note: Do not twist the filter element to avoid damaging it.



4. Place the foam filter element into the air filter. Then reinstall the cover to its original position and press to secure it.

Note: Ensure that the surface of the foam filter element makes close contact with the air filter, with no gaps between them. Do not start the generator before reinstalling the air filter, as this may produce excessive toxic gases and allow foreign objects to enter the engine, potentially causing damage to the engine block.

5. Reinstall the maintenance cover.

Clean the Fuel Filter

1. Take off the fuel cap and remove the fuel filter screen.

2. Clean the fuel filter screen with fuel.

Note: Never handle fuel near smoke and flames.

3. Wipe the filter screen and place it back into the fuel tank.

4. Reinstall the fuel cap.

Clean the Muffler

1. Use the screwdriver provided in the package to unscrew the muffler.

2. Take off the muffler cap, muffler block, and spark plug arrestor.

3. Gently clean carbon deposits from the muffler block and the spark plug arrestor with a wire brush, without damaging or scratching them.

4. Inspect the muffler block and spark plug arrestor for any damage, and replace them if necessary.
5. Reinstall the parts in turn.

Replace the Starter Battery

If you find that the starter battery is no longer functioning, please contact our Customer Service to obtain a new one. The cost of replacement will vary based on your warranty status. Once you have received the new battery, follow these steps to replace the old one:

1. Use the screwdriver provided in the package to unscrew the maintenance cover, and then remove the cover.
2. Disconnect both the positive and negative wires from the old battery.
3. Carefully unscrew the old battery and insert the new one.
4. Screw the new battery in place.
5. Reconnect the positive and negative wires of the new battery.

9. Storage and Transportation

If you plan to place this generator into long-term storage, take some storage measures to prevent premature aging of the generator.

9.1 Drain the Fuel

1. Turn the Engine Switch to OFF.

Note: If there's no leftover fuel, skip this step and ensure the LPG inlet is covered with the dust cover.

2. Open the fuel tank cap, remove the fuel filter screen, drain the fuel into a temporary tank, and reinstall the cap.
3. Start the generator without connecting any electrical equipment. It will run on the remaining fuel and shut off when no fuel is left.

Note: The run time of the generator depends on the amount of remaining fuel in the tank.

4. Use the screwdriver provided in the package to unscrew the maintenance cover, and then remove the cover.
5. Remove the fuel drain cap and drain the fuel into the temporary fuel tank.
6. Turn the Engine Switch to OFF to shut down the generator.

7. Tighten the fuel drain cap.
8. Reinstall the maintenance cover.
9. Reinstall the fuel tank cap after the engine cools down completely.

9.2 Store the Generator

Take the following steps to protect parts prone to corrosion, such as the engine body and piston rings:

1. Remove the spark plug, inject 10 mL / 0.34 oz. of engine oil, reinstall the spark plug, and pull the starter grip for several minutes to fully lubricate the cylinder block.
2. Pull the starter grip until it becomes tight to prevent the cylinder block and valves from rusting.
3. Wipe the generator's surface clean, place the generator in a well-ventilated and dry place, and cover it.

9.3 Charge the Starter Battery

For generator storage, disconnect the starter battery. However, the battery should be charged every 3 months during storage.

To charge the starter battery, use a certified adapter with a DC output of 12V, a minimum power rating of 45W, and a DC5521 port.

9.4 Use after Storage

If the generator is stored with fuel in the fuel tank and carburetor, conduct servicing as required in the table below before using it again.

Storage Duration	Recommended Servicing Procedure to Prevent Difficult Startups
Within 1 month	No preparation needed
1 to 2 months	Evacuate the fuel and inject fresh fuel
2 months to 1 year	1. Evacuate the fuel and inject fresh fuel 2. Drain the fuel from the Carburetor Drain Cup ¹ 3. Drain the fuel from the fuel strainer ²

Over 1 year	1. Evacuate the fuel and inject fresh fuel 2. Drain the fuel from the Carburetor Drain Cup ¹ 3. Drain the fuel from the fuel strainer ²
	¹ Loosen and remove the fuel drain bolt and drain all the fuel out of the carburetor. Drain the fuel into a suitable container, and screw in and tighten the fuel drain bolt. ² After turning off the engine switch, remove the fuel strainer, empty the gasoline, reinstall the fuel strainer, and tighten it.

9.5 Transportation

- When moving, storing, or operating the generator, ensure it remains upright at all times. Placing it on its side may prevent the generator from starting, and could cause engine oil to leak, potentially damaging the engine or your property.
- If the generator needs to be transported after running, shut it down and allow it to cool before loading it onto the vehicle. Hot engines and exhaust systems can cause burns and ignite certain materials. To prevent fuel spills during transport, securely position the generator upright and turn the engine switch to OFF.
- During transportation, do not drop the generator or subject it to impacts.

10. Troubleshooting

Error Code	Description	Troubleshooting
E001	AC Output Short Circuit Fault	1. Please disconnect all plugs and reinsert them into the AC or restart the generator. 2. If the problem persists, it could be due to inverter damage inside the device or wear of the socket's internal wiring. Please upload the log and contact the retailer or Anker customer service center.
E002	DC Output Short Circuit Fault	1. Please disconnect all plugs and reinsert them into the DC or restart the generator. 2. If the problem persists, it could be due to

		inverter damage inside the device. Please upload the log and contact the retailer or Anker customer service center.
E003	DC Output Overload	The built-in inverter is damaged. Please upload the log and contact the retailer or Anker customer service center.
E004	AC Output Overload	1. See if the device's startup and running power exceed its limit. 2. Remove loads. If the fault still occurs, the inverter might be damaged. Please upload the log and contact the retailer or Anker customer service center.
E005	AC Output Under Voltage	The built-in inverter is damaged. Please upload the log and contact the retailer or Anker customer service center.
E006	AC Output Overvoltage	The built-in inverter is damaged. Please upload the log and contact the retailer or Anker customer service center.
E007	DC Output Under Voltage	The built-in inverter is damaged. Please upload the log and contact the retailer or Anker customer service center.
E008	DC Output Overvoltage	The built-in inverter is damaged. Please upload the log and contact the retailer or Anker customer service center.
E009	Unconventional Fault	The magnetoelectric motor or built-in inverter is damaged. Please upload the log and contact the retailer or Anker customer service center.
E010	Inverter Bus Under Voltage	The built-in inverter is damaged. Please upload the log and contact the retailer or Anker customer service center.
E011	Inverter Bus Overvoltage	The built-in inverter is damaged. Please upload the log and contact the retailer or Anker customer service center.

E012	Relay Fault	The built-in inverter is damaged. Please upload the log and contact the retailer or Anker customer service center.
E013	Device Fault	The built-in inverter is damaged. Please upload the log and contact the retailer or Anker customer service center.
E015	Device Overheating	The internal cylinder temperature is too high. Please check for the following issues: 1. See if the generator exhaust port is obstructed. 2. See if the engine spark plug is carbonized. 3. Stop the generator for 5 hours, then turn on the main switch again. If the fault still occurs, replace the temperature sensor or inverter. 4. If the fault occurs after cooling and running for a while, please contact the retailer for repairs.
E016	Device Overheating	The internal cylinder temperature is too high. Please check for the following issues: 1. See if the generator exhaust port is obstructed. 2. See if the exhaust port is bouncing back or clogged. 3. If the issue persists, please upload the device log and contact the retailer or Anker customer service.
E017	CO Alarm	1. Check where the device is placed and move to a ventilated area. 2. If the environment is ventilated, the CO alarm may be damaged. Please upload the device log and contact the retailer or Anker customer service.
E018	Insufficient Oil	1. Check if the remaining oil is too low. 2. Check if the oil is severely dirty. If so, replace. 3. If the issue continues, the oil sensor may be damaged. Please upload the device log and contact the retailer or Anker customer service.

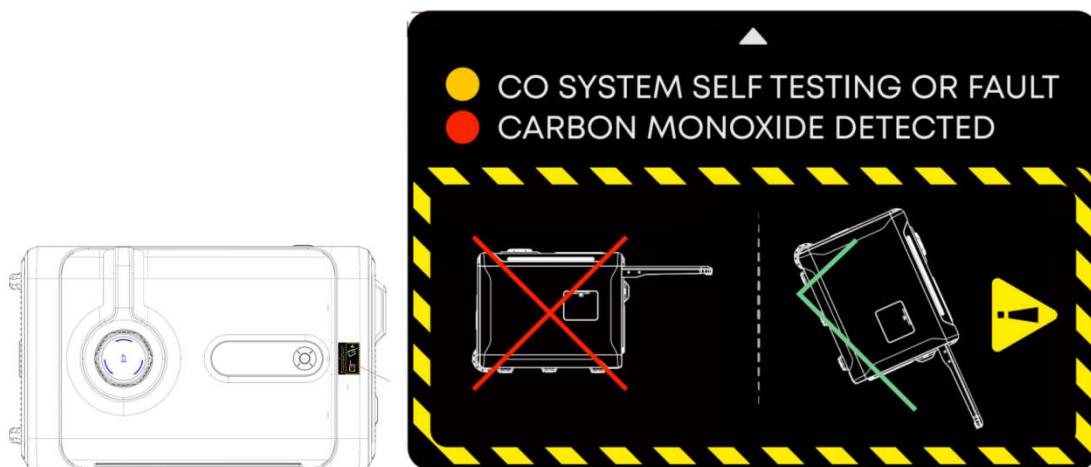
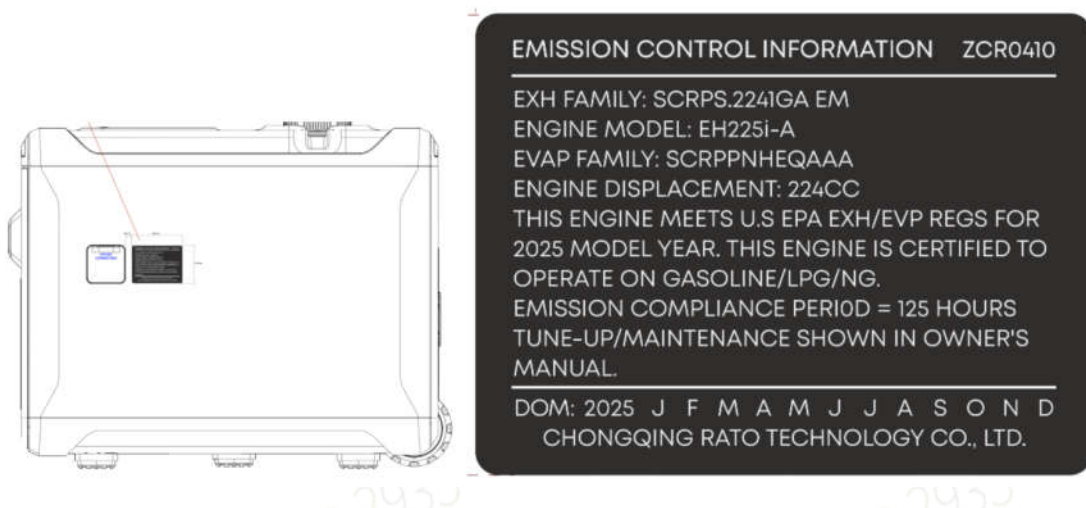
E019	Insufficient Fuel	Fuel tank is empty. Please refuel.
E020	Device Start-Up Failure	Device failed to start. Please check for the following: 1. See if the fuel switch is activated. 2. See if gas pressure is sufficient and if the fuel circuit is blocked or dirty. 3. See if there is sufficient fuel. 4. See if the spark plug is carbonized. 5. See if the oil and air filters need to be replaced.
E021	Abnormal Shutdown	The device has shut down abnormally. Please check for the following issues: 1. See if the fuel tank is empty. 2. See if the spark plug has carbonized. 3. See if the oil and air filters need to be replaced. 4. If the problem continues, please upload the device log and contact the retailer or Anker customer service.
E022	Starter Battery Overvoltage	The starter battery voltage is higher than 14V. Please replace the battery.
E023	Device Fault	The built-in inverter is damaged. Please upload the device log and contact the retailer or Anker customer service.
E024	Boost Start Bus Overvoltage	The built-in inverter is damaged. Please upload the device log and contact the retailer or Anker customer service.
E025	Charging Overvoltage	The built-in inverter is damaged. Please upload the device log and contact the retailer or Anker customer service.
E026	Charging Under Voltage	The built-in inverter is damaged. Please upload the device log and contact the retailer or Anker customer service.

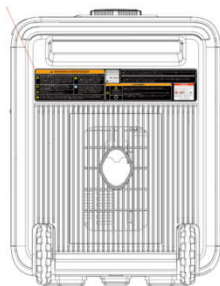
E027	Internal Communication Fault	1. Restart the generator. 2. Unplug the starter battery, wait 30 seconds, then reconnect. 3. If the issue is still unresolved, upload the device log and contact the retailer or Anker customer service.
E028	Abnormal DC Disconnection	A disconnection in the DC line is detected. Please check device connection status.
E029	Maintenance Door Open	1. The maintenance door is open or not properly assembled. Please close or assemble. 2. The door switch is damaged. Please replace. 3. Control panel wiring is broken. Please replace. 4. If the problem remains unresolved, upload the device log and contact the retailer or Anker customer service.
E030	Water Detected	Please check if water has accumulated inside the generator. If so, please remove the water. If the issue remains unresolved, upload the device log and contact the retailer or the Anker customer service center.
E031	Starter Battery Under Voltage	The starter battery voltage is lower than 11V. Please charge.
E032	Boost MOS Overtemperature	1. See if the generator air inlet is blocked. 2. See if air can flow freely through the exhaust outlet. 3. If the problem persists, upload the device log and contact the retailer or Anker customer service center.
E034	Fuel Expiring	Your gasoline is set to expire soon. If not used or replaced, gas may deteriorate, causing difficulties in generator startup, reduced combustion efficiency, and increased carbon build up.
E035	Abnormal	The engine has been shut down for your safety due

	Engine Speed	to abnormal speed. Please check for the following: 1. See if the environment temperature and altitude are within the product range. Check the power rating in the manual to avoid overuse. 2. See if the oil needs to be changed. 3. See if the filters need to be replaced. 4. See if the spark plug has carbonized. 5. See if the gas pressure is sufficient. 6. See if the fuel circuit is dirty or blocked.
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11. Safety Information

11.1 Labels





⚠ WARNING/AVERTISSEMENT

Read the owner's manual and all labels before operating. Lire le manuel d'utilisation et toutes les étiquettes avant d'utiliser le générateur.

⚠ Only operate in well-ventilated areas. Using a generator indoors CAN KILL YOU IN MINUTES. Generator exhaust contains carbon monoxide. This is a poison you cannot see or smell. Tampering with this CO alarm system will cause Carbon Monoxide poisoning. Utilisez uniquement dans des zones bien ventilées. L'utilisation d'un générateur à l'intérieur PEUT VOUS TUE EN QUELQUES MINUTES. Les gaz d'échappement d'un générateur contiennent du monoxyde de carbone. Il s'agit d'un poison invisible et inodore. Toute modification apportée à ce système d'alarme de CO peut entraîner une intoxication au monoxyde de carbone.	⚠ Electrocution can occur if generator is used in rain, snow, or near water. Keep this unit dry at all times. Electrocution or property damage can occur. Refer to the owner's manual. Il existe un risque d'électrocution si le générateur est utilisé sous la pluie, dans la neige ou à proximité d'eau. Souder cet appareil ou l'ess en permanence, expose un risque d'électrocution ou de dommages matériels. Se reporter au manuel d'utilisation.
⚠ Check for spilled fuel or fuel leaks. Stop engine before refueling. Do not operate near flammable materials. Vérifiez que du carburant n'a pas été versé ou qu'il n'y a pas de fuite de carburant. Arrêtez le moteur avant de faire le plein. Ne pas utiliser le générateur à proximité de matériaux inflammables.	⚠ When operating the generator Never place a partition or other barrier around the generator. Do not cover the generator with a box. Do not place any objects on the generator. Lors de l'utilisation du générateur, Ne jamais entourer le générateur d'une cloison ou d'une autre barrière. Ne pas recouvrir le générateur d'une enceinte. Ne placer aucun objet sur le générateur. Lorsque le moteur a complètement arrêté, placez le bouton d'arrêt du bouchon du réservoir de carburant sur « OFF ».
⚠ Tampering with this CO alarm system will cause Carbon Monoxide poisoning. Toute modification apportée à ce système d'alarme de CO peut entraîner une intoxication au monoxyde de carbone.	
⚠ Backfeed into utility system can cause property damage and electrocution hazard. Do not connect the generator to a building's electrical system unless an isolation switch has been properly installed by a licensed electrician. L'alimentation directe du générateur via le réseau peut entraîner des dommages matériels et des risques d'électrocution. Ne pas connecter le générateur au système électrique d'un bâtiment à moins qu'un interrupteur-sectionneur n'ait été correctement installé par un électricien certifié.	

AUTOMATIC SHUT-OFF - YOU MUST

L'utilisation d'un générateur à l'intérieur PEUT VOUS TUE EN QUELQUES MINUTES. Les gaz d'échappement d'un générateur contiennent du monoxyde de carbone. Il s'agit d'un poison invisible et inodore. NE JAMAIS utiliser le générateur à l'intérieur d'une maison ou d'un garage. MEME SI les portes et les fenêtres sont ouvertes. Utilisez le générateur uniquement à l'EXTÉRIEUR et loin des fenêtres, des portes et des aérations.

COUPURE AUTOMATIQUE D'ALIMENTATION - VOUS DEVEZ DÉPLACER LE GÉNÉRATEUR À L'EXTÉRIEUR, À L'AIR LIBRE, DIRIGER L'ÉCHAPPEMENT VERS L'EXTÉRIEUR. NE PAS UTILISER LE GÉNÉRATEUR DANS DES ZONES FERMÉES (PAR EXEMPLE, PAS DANS LA MAISON OU LE GARAGE) SORTIR À L'AIR LIBRE ET DEMANDER UNE AIDE MÉDICALE EN CAS DE NAUSEE, VERTIGES OU DE SENSATION DE FAIBLESSE.

⚠ WARNING

Operation of this equipment may create sparks that can start fires around dry vegetation. L'utilisation de cet équipement peut créer des étincelles susceptibles de provoquer des incendies autour d'une végétation sèche.

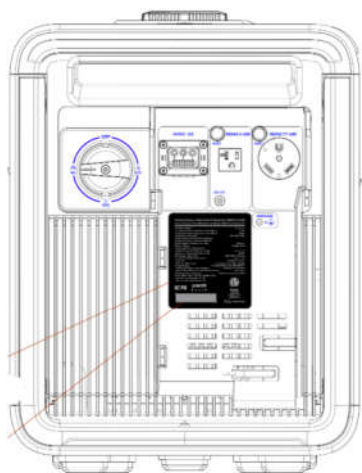
A spark arrester may be required. The operator should contact local fire agencies for laws or regulations relating to fire prevention requirements. Un pare-étincelles peut être nécessaire. L'utilisateur doit contacter les services anti-incendie locaux pour connaître les lois ou réglementations relatives aux exigences de prévention des incendies.

⚠ DANGER

Using a generator indoors CAN KILL YOU IN MINUTES. Generator exhaust contains carbon monoxide. This is a poison you cannot see or smell. Éviter d'utiliser le générateur à l'intérieur d'une maison ou d'un garage. Les gaz d'échappement contiennent du monoxyde de carbone. Il s'agit d'un poison invisible et inodore. Utilisez le générateur uniquement à l'EXTÉRIEUR et loin des fenêtres, des portes et des aérations.

NEVER use inside a home or garage. NEVER if doors and windows are open. Only use OUTSIDE and far away from windows, doors, and vents.

Avoid other generator hazards. READ MANUAL BEFORE USE.



Product Name: Anker SOLIX Smart Generator 5500 (Tri-Fuel)
Nom du Produit: Anker SOLIX Générateur Intelligent 5500 (Tricarburant)

Model / Modèle: A7320J40
DC Rated Power/ Puissance nominale CC: 4.5kW (GAS), 4.5kW (LPG), 4kW (NG)
AC Rated Power/ Puissance nominale CA: 3.6kW(GAS,LPG,NG)
AC Output / Sortie CA: 120V AC, 60Hz, 30A(GAS,LPG,NG) ,L+N+PE
Power Factor / Facteur de Puissance: 1
Insulation Class / Classe d'isolation: F
AC Rated Speed / Vitesse nominale CA: 3600rpm(GAS,LPG),4200rpm(NG)
DC Rated Speed / Vitesse nominale CC: 4600rpm
Rated Ambient Temperature /
Température Ambiante Nominale: 25°C (77°F)
Enclosure type/Type d'enceinte: TYPE 3R
DC rated voltage and current /
Tension et courant nominaux CC: 400V DC, 11.25A (GAS), 11.25A (LPG), 10A (NG)
Fuel Type: Gasoline/LPG/NG
Minimum clearance: 1 m away from inflammables
Hourly Rating: AC 12284 BTU/h, DC 15355 BTU/h
Country of Origin / Pays d'origine: Fabriqué au Vietnam
Manufacturer / Fabricant: Anker Innovations Limited
IC: 23451-A7320J40 FCC ID: 2AOKB-A7320J40
CAN ICES(A)/NMB(A)



Intertek
5034424
Certified to CSA
Standard C22.2 No. 100
Certifié selon la
norme CSA C22.2 N° 100

11.2 IMPORTANT SAFETY INSTRUCTIONS

SAVE THESE INSTRUCTIONS - This document contains important instructions that must be followed during installation, use, and maintenance.

Read all instructions before installing, using, and maintaining the equipment. Do not make any changes or create settings that are not described in this document. If

physical injury, loss of data, or damage is caused by failure to follow instructions, the warranty does not apply.

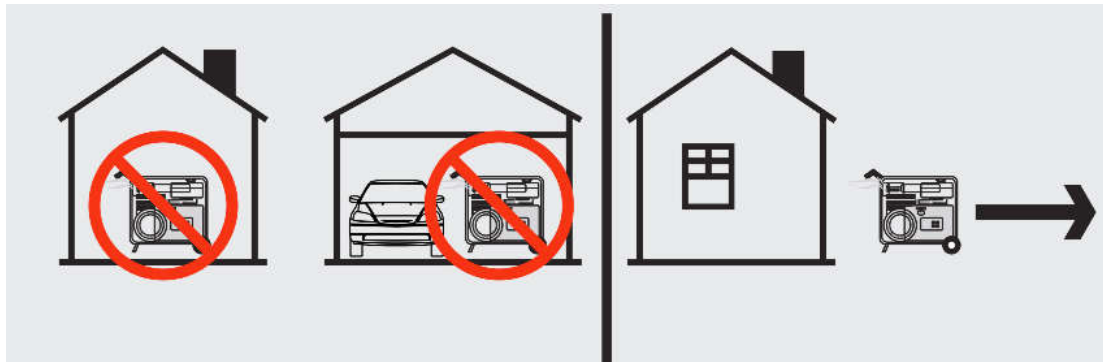
Safety Symbols

 CAUTION	Indicates a low-risk hazard. Failure to avoid this hazard could result in minor or moderate injury.
 WARNING	Indicates a hazard with a moderate level of risk. Failure to avoid this hazard could result in death or serious injury.
 DANGER	Indicates a highly risky hazard. Failure to avoid this hazard could result in death or serious injury.

Carbon Monoxide Hazards



- Stay alert with carbon monoxide detectors.
- Generator exhaust contains carbon monoxide, a colorless, odorless, poisonous gas. Breathing carbon monoxide will cause nausea, dizziness, fainting or death. If you start to feel dizzy or weak, get to fresh air immediately.
- Operate the generator outdoors only in a well ventilated area and far away from windows, doors, and vents.
- Keep the engine exhaust pointed away from people and buildings.
- Never use the generator inside any building even if doors and windows are open, including garages, basements, crawl spaces and sheds, enclosure or compartment, including the generator compartment of a recreational vehicle.
- Do not allow exhaust fumes to enter a confined area through windows, doors, vents or other openings.
- Install battery-operated carbon monoxide alarms or plug-in carbon monoxide alarms with battery back-up.
- Tampering with the carbon monoxide module will result in a hazardous condition and will void your warranty.
- Removing the carbon monoxide module will not allow the generator to start.



- The CO shutoff system monitors the accumulation of poisonous CO gas produced by engine exhaust when the generator is running. If the module detects elevated levels of CO gas, it automatically shuts off the engine. The generator is intended to be used outdoors, far away from occupied buildings and exhaust pointed away from people and buildings.
- If the generator is misused and operated in a location that results in the accumulation of CO inside an enclosed or partially enclosed space, for example a house, garage or a garage with the door partially open, the module will automatically shut off the generator and then illuminate a red LED. The CO shutoff system is not a substitute for an indoor carbon monoxide alarm.
- If the generator is shut off due to the accumulation of poisonous CO gas, move the generator far away to an open, outdoor area and point the exhaust away from people and buildings. Once relocated to a safe area, the generator can be restarted, and the proper electrical connections can be made. Introduce fresh air and ventilate the location where the generator is shut off.

Fuel Hazards



Gasoline and Gasoline Vapors:

- Gasoline, gasoline vapors, propane and natural gas are highly flammable and explosive.
- Fire or explosion can cause severe burns or death.
- Gasoline is a liquid fuel. The resulting gasoline vapors are highly flammable and explosive, and can cause a fire or explosion if ignited.
- Gasoline is a skin irritant and needs to be cleaned up immediately if spilled on skin or clothes.
- Gasoline has a distinctive odor, and this will help detect potential leaks quickly.

- In any petroleum gas fire, flames should not be extinguished unless by doing so the fuel supply valve can be turned off. This is because if a fire is extinguished and a supply of fuel is not turned off, then an explosion hazard could be created.
- Gasoline vapors expand and contract with ambient temperatures. Never fill the gasoline tank past the red full indicator on the fuel filter, as gasoline vapors need room to expand if temperatures rise.

WARNING

Propane / Liquefied Petroleum Gas (LPG) and LPG Vapors:

- LPG is a hydrocarbon gas that exists in a liquefied form and its vapors are highly flammable and explosive.
- LPG and its vapors are under pressure and can cause a fire or explosion if ignited.
- LPG vapors are heavier than air and will settle in low places while dissipating.
- LPG itself is odorless and tasteless. For safety, a chemical is added to give it an odor to help detect leaks quickly.
- If a leak is detected, immediately turn off the gas supply.
- In the event of an LPG fire and only when safe to do so, first close the regulator valve off and then use a dry powder extinguisher to put out the fire. This is because if a fire is extinguished before the regulator valve is closed off, then an explosion hazard condition could be created.
- Always keep the LPG cylinder in an upright position.
- LPG is a skin irritant and can cause severe cold burns similar to frostbite.
- Always wear proper protective gloves when connecting to and disconnecting from a propane bottle.
- Always keep LPG away from sparks, open flames, pilot lights, heat and other sources of ignition.

WARNING

Natural Gas (NG) and NG Vapors:

- NG vapors are highly flammable and explosive.
- NG vapors can cause a fire or explosion if ignited.
- NG itself is odorless and tasteless. For safety, a chemical is added to give it an odor to help detect leaks quickly.
- NG is lighter than air and will collect in higher areas.
- If a leak is detected, immediately turn off the gas supply.

WARNING

When Adding or Removing Gasoline:

- Do not light or smoke cigarettes.
- Always stop the engine and allow it to cool for a minimum of two minutes before refueling.
- Always loosen the gasoline cap slowly to release vapor pressure and to keep fuel from escaping around the gasoline cap.
- Always replace and tighten the gasoline cap securely after fueling.
- Never remove the gasoline cap or add gasoline while the engine is running or when the engine is hot.
- Only fill or drain gasoline outdoors in a well-ventilated area.
- Do not pump gasoline directly into the generator at the gas station.
- Always store gasoline in an EPA/CARB compliant container or to transfer the gasoline to the generator.
- Do not overfill the gasoline tank.
- Always keep gasoline, propane and natural gas vapors away from sparks, open flames, pilot lights, heat and other sources of ignition.

WARNING

When Starting the Generator:

- Do not attempt to start a damaged generator.
- Always check that the gasoline cap, air filter, spark plug, fuel lines and exhaust system are properly in place.
- Always allow spilled gasoline to evaporate fully before attempting to start the engine.
- Always check the connections of the supply hose for leaks before using LPG or NG fuel.
- Always be certain that the generator is resting firmly on level ground.

WARNING

When Operating the Generator:

- Do not move or tip the generator during operation.

 WARNING**When Transporting or Servicing the Generator:**

- Always check that the engine switch is in the off position and the gasoline tank is empty.
- Always check that the LPG or NG supply hose is disconnected and stored securely away from the generator after use.
- Disconnect the spark plug wire.

 WARNING**When Storing the Generator:**

- Always store away from sparks, open flames, pilot lights, heat and other sources of ignition.
- Never store the generator, gasoline or LPG cylinders near furnaces, water heaters, or any other appliances that produce heat or have automatic ignitions.

 DANGER

Never place a gasoline container, gasoline tank, LPG cylinder or any combustible material in the path of the exhaust stream during operation of the engine.

 WARNING

Never use a gasoline container, gasoline tank, LPG connector hose, LPG cylinder or any other fuel item that is broken, cut, torn or damaged.

Electrical Hazards **DANGER**

- The generator produces powerful voltage.
- Do not touch bare wires or receptacles.
- Do not use electrical cords that are worn, damaged or frayed.
- Use only the original or certified electrical cords for proper application.
- Do not operate the generator in wet weather.

- Do not allow children or unqualified persons to operate or service the generator.
- Use a ground fault circuit interrupter (GFCI) in damp areas and areas containing conductive material such as metal decking.
- Electrical Backfeeding Hazards: Do not connect the generator to a building's electrical system unless a licensed electrician has installed an isolation switch. Check with your local electrical regulations for specific requirements.

WARNING

- Spark from removed spark plug wire can result in fire or electrical shock.
- When servicing the generator:
 - a. Disconnect the spark plug wire and place it where it cannot contact the plug or any other metal object.
 - b. Do not check for spark with the plug removed.
 - c. Use only approved spark plug testers.

CAUTION

- Exceeding the generator's running capacity can damage the generator and/or electrical devices connected to it.
- Do not overload the generator.
- Do not tamper with the governed speed.
- Do not modify the generator in any way.
- Start the generator and allow the engine to stabilize before connecting electrical loads.
- Connect electrical equipment in the off position, and then turn them on for operation.
- Turn electrical equipment off and disconnect before stopping the generator.

This device complies with part 15 of the FCC Rules.

Operation is subject to the following two conditions: (1) the device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

NOTE: This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference

when the equipment is operated in a commercial environment.

This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications.

Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

Powercords

- Only use Anker SOLIX DC Charging Cable (3m or 10m) for the DC output port of the generator.
- Always check with local regulations and a licensed electrician prior to installing or connecting an electrical appliance.

Battery Information

Component	CO Alert	Starter Battery
Model	CR2032	A7320J40-83
Battery Type	Contains non-replaceable battery.	Contains non-replaceable battery.

Others



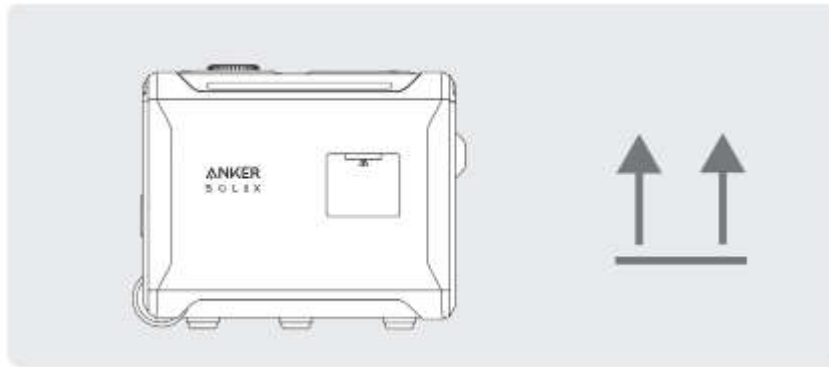
- Operate equipment with guards in place.
- Rotating parts can entangle hands, feet, hair, clothing and/or accessories. Traumatic amputation or severe laceration can result.
- Keep hands and feet away from rotating parts.
- Tie up long hair and remove jewelry.
- Do not wear loose-fitting clothing, dangling drawstrings or items that could become caught.



- Do not use the generator for medical and life support uses.
- In case of emergency, immediately contact the fire department or other relevant emergency response team.
- Inform your electricity provider immediately if you or anyone in your household depends on electrical equipment to live.
- Inform your electrical provider immediately if a loss of power would cause you or anyone in your household to experience a medical emergency.
- Rapid retraction of the starter grip will pull hand and arm towards the engine faster than you can let go. Broken bones, fractures, bruises or sprains could result. Unintentional startup can result in entanglement, traumatic amputation or laceration.
- When starting the engine, pull the starter grip slowly until resistance is felt and then pull rapidly to avoid kickback.
- Do not start or stop the engine with electrical devices plugged in and turned on.
- Make sure the generator is properly grounded.
- To charge the starter battery, use a certified adapter with a DC output of 12V, a minimum power rating of 45W, and a DC5521 port.

WARNING

- Running engines produce heat. Severe burns can occur on contact. Combustible material can catch fire on contact.
- Do not touch hot surfaces.
- Avoid contact with hot exhaust gases.
- Allow equipment to cool before touching.
- Maintain at least 3 ft (91.4 cm) of clearance on all sides to ensure adequate cooling.
- Maintain at least 5 ft (1.5 m) of clearance from combustible materials.
- Although the generator contains a spark arrester, maintain a minimum distance of 5 ft (1.5 m) from dry vegetation to prevent fires.
- When placing the generator, make sure that the air inlet side, air outlet side, or the side with the starter grip is not facing the ground. Otherwise, the generator will not start.



CAUTION

- Improper treatment or use of the generator can damage it, shorten its life or void the warranty.
- Use the generator only for intended uses.
- Operate only on level surfaces.
- Do not expose the generator to excessive moisture, dust, or dirt.
- Do not allow any material to block the cooling slots.
- If connected devices overheat, turn them off and disconnect them from the generator.
- Do not use the generator if:
 - Electrical output is lost;
 - Equipment sparks, smokes or emits flames;
 - Equipment vibrates excessively.
- Warning: Using a generator indoors can kill you in minutes.
- Generator exhaust contains carbon monoxide, a poisonous gas you cannot see or smell.
- Never use the generator in the home or in partly enclosed areas such as garages.
- Use only outside and far from open windows, doors, and vents.
- Caution: Do not expose the generator to rain.
- Caution: Use only 12.8V Lithium-ion rechargeable battery. Other types of batteries may burst causing personal injury and damage.
- Danger: Risk of electric shock. Do not touch the uninsulated portion of output connector or uninsulated battery terminal.

- Warning: Risk of explosive gas mixture. Read instructions in the User Guide before using the generator.
1. The generator is isolated from the frame and from the AC receptacle ground pin. Electrical devices that require a grounded receptacle pin connection will not function if the receptacle ground pin is not functional.
 2. Save these instructions. This manual contains important safety and operating instructions.
 3. Working in the vicinity of a lead-acid battery is dangerous. Batteries generate explosive gases during normal battery operation. For this reason, it is of the utmost importance that each time before using your charger, you read and follow the instructions provided exactly.
 4. To reduce risk of battery explosion, follow these instructions and those marked on the battery.
 5. Never smoke or allow an open spark or flame in the vicinity of the battery or engine.
 6. Never charge a frozen battery.
 7. If it is necessary to remove the battery from the vehicle to charge it, always remove the grounded terminal from battery first. Make sure all accessories in the vehicle are off in order to prevent an arc.
 8. Study all battery manufacturer's specific precautions such as removing or not removing cell caps while charging and recommended rates of charge.
 9. Never place the charger directly above or below the battery being charged; gases or fluids from the battery will corrode and damage the charger. Locate the charger as far away from the battery as DC cables permit.
 10. Do not operate the charger in a closed-in area or restrict ventilation in any way.
 11. Connect and disconnect dc output clips only after setting any charger switches to the off position and removing AC cord from the electric outlet. Never allow clips to touch each other.
 12. For a charger having an output voltage selector switch, refer to the car owner's manual in order to determine the voltage of the battery and to make sure the output voltage is set at the correct voltage. If an output voltage selector switch is not provided, do not use the battery charger unless the battery voltage matches the output voltage rating of the charger.

11.3 Notice

FCC Statement

This device complies with Part 15 of the FCC Rules. Operation is subject to the

following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Warning: Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note: This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment.

This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications.

Operation of this equipment in a residential area is likely to cause harmful interference, in which case the user will be required to correct the interference at his own expense.

The following importer is the responsible party.

Company Name: Fantasia Trading LLC

Address: 5350 Ontario Mills Pkwy, Suite 100, Ontario, CA 91764

Telephone: +1-800-988-7973

RF Exposure Compliance Statement

This equipment complies with the FCC/IC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20 cm between the radiator and your body.

Cet équipement est conforme aux limites d'exposition aux radiations FCC/IC établies pour un environnement non contrôlé. Cet équipement doit être installé et utilisé avec une distance minimale de 20 cm entre le radiateur et votre corps.

IC Statement

This device complies with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions: (1) This device may not cause interference, and (2) This device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

WARNING! To reduce the risk of fire or burns, do not disassemble, crush, puncture, throw a battery into water or fire, or short circuit its external connectors.

AVERTISSEMENT! Pour réduire le risque d'incendie ou de brûlures, abstenez-vous de démonter, d'écraser, de perforer, de jeter dans l'eau ou dans le feu une batterie, ou encore de court-circuiter ses connecteurs externes.

The device is in compliance with RF field strength limits, users can obtain Canadian information on RF exposure and compliance.

Le présent appareil est conforme de ce matériel aux conformités ou aux limites d'intensité de champ RF, les utilisateurs peuvent sur l'exposition aux radiofréquences et la conformité d'acquérir les informations correspondante.

This Class A digital apparatus complies with Canadian CAN ICES(A).

Cet appareil numérique de la classe A est conforme à la norme NMB(A) du Canada.

CAN ICES(A)/NMB(A)



Not permitted on aircraft.



This symbol means the product must not be discarded as household waste, and should be delivered to an appropriate collection facility for recycling. Follow local rules and never dispose of the product and rechargeable batteries with normal household waste. Correct disposal of old products and rechargeable batteries helps prevent negative consequences for the environment and human health.



This symbol indicates that this product shall not be treated as household waste. Instead, it shall be handed over to the applicable collection point for the recycling of electrical and electronic equipment.



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12. Specifications

Specifications are subject to change without notice.

Complete Generator Set	Length × width × height	633×381×529 mm
	Net Weight	38 kg
	Max. Environment temperature	40°C
	Max. Operating Altitude	3000 feet
	Manufacture year	For details, refer to product label
Generator	Type	Inverter
	AC rated voltage	120V
	AC rated current	26.7A (Gasoline) 24.2A (LPG)
	Frequency	60Hz
	Rated power	Gasoline: 3200W (Max. 3500W) LPG: 2900W (Max. 3200W)
	DC output voltage	40V-60V≈
	Rated current	56A
Engine	Engine model	EH196i-VE
	Engine type	Single cylinder, four-stroke, forced-air cooling, overhead valve
	Engine displacement	196 cc
	Type of fuel	Unleaded gasoline / LPG
	Volume of fuel tank	6 L / 1.59 gal.
	Continuous Operation Time (Gasoline)	2.8 H (Nominal load)
	Noise Level (at a distance of 7 meters)	71 dB (Nominal load)
	Generator engine oil volume	550 ml / 0.581 quarts
	Spark plug model	F6RTC
	Start mode	Electric start

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Model	A7320J40
Complete Generator Set	
Dimensions (Length × Width × Height)	27.6 × 16.7 × 21.9 in (702 × 425 × 556 mm)
Net Weight	Approx. 50 kg
Operating Altitude	Up to 6,561.7 ft (2,000 m) Power derating from 3,280.8 ft (1,000 m)
Rated Ambient Temperature	77 °F (25 °C)
Operating Temperature	-4 °F to 131 °F (-20 °C to 55 °C)

Storage Temperature	-40 °F to 158 °F (-40 °C to 70 °C)
IP Rating	IP 23M
Minimum Clearance from Inflammables	1 m
Generator	
Type	Inverter
Operating Frequency	60 Hz
AC Rated Power	4.5 kW
AC Rated Voltage	120 V
AC Rated Current	30 A
DC Rated Power	4.5 kW (Gasoline) 4.5 kW (LPG) 4 kW (NG)
DC Output	350 V to 550 V, 13 A Max
DC Rated Voltage	400 V
DC Rated Current	11.25 A (Gasoline) 11.25 A (LPG) 10 A (NG)
Power Factor	1
Insulation Class	F
Phase	Single Phase
Hourly Rating	AC 12283 BTU/h, DC 15354 BTU/h
Engine	

Rated Speed	4,600 rpm
Type of Fuel	Gasoline / LPG / NG
Engine Type	Single cylinder, four-stroke, forced-air cooling, overhead valve
Engine Displacement	98 cc
Volume of Fuel Tank	10L / 2.64 gal
Continuous Operation Time (Gasoline)	2.8 H (Nominal load)
Noise Level (at a distance of 7 m)	≤ 69 dB(A) (Nominal load) ≤ 62 dB(A) (Eco Mode)
Generator Engine Oil Volume	650 ml / 22 oz
Spark Plug Model	A5RTC
Start Mode	Electric Start, Recoil Start, Auto Start

Appendix A. Circuit Diagram

