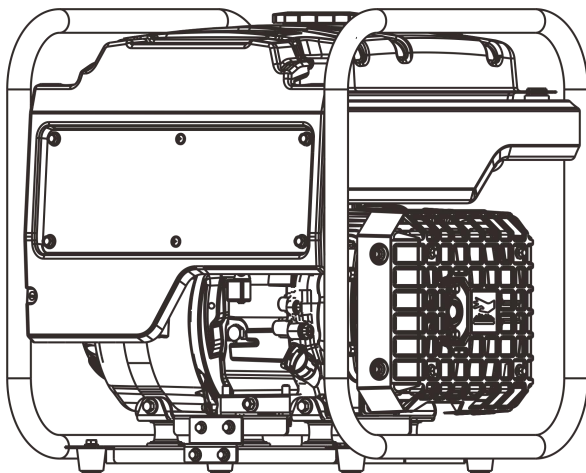


# INVERTER GENERATOR



Please read and save this manual.



- Be sure to read the manual before using, otherwise the wrong operation will lead to safety risks or equipment damage. As long as follow the operation of this manual book, the company's inverter generator is safe and reliable.

## Safety Warning

- The personal and property safety of you and others is very important. Please read carefully the extremely important safety warnings we have written in the manual and the label of the generator set.
- Safety warnings can alert you to potential hazards that could harm you and others.
- Each safety warning is preceded by one of the three words "DANGER," "WARNING" or "CAUTION". Details are as follows:



If you do not follow the instructions, your life will be in danger or you will be seriously injured.



If you do not follow the instructions, your life could be in danger or you could be seriously injured.



If you do not follow the instructions, you will be slightly injured.

If you do not follow the instructions, your generator set and other property may be damaged.

# Contents

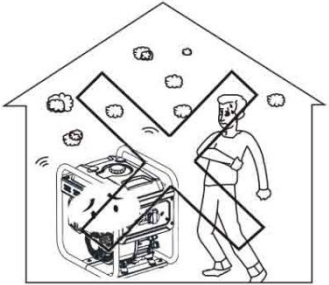
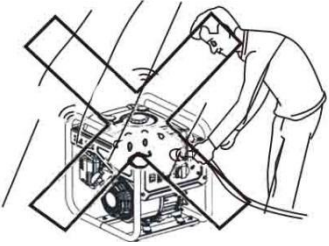
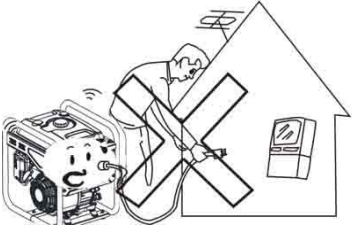
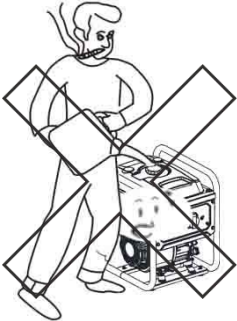
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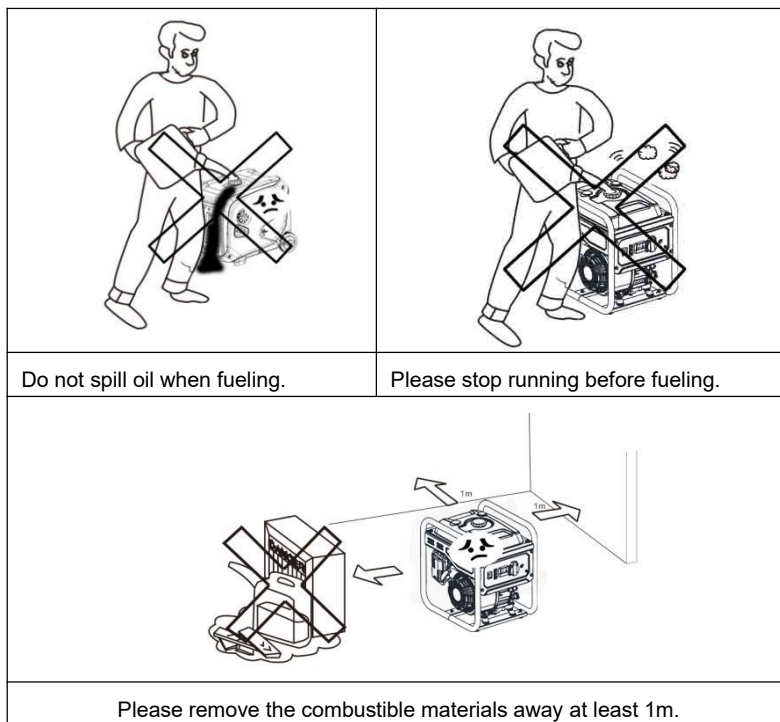
# 1. Safety Instruction

## 1.1 Safety Specification

Please read and be well known about the manual before operating.

Familiarity with the safe operating procedures of generators can help you avoid accidents.

|                                                                                                                               |                                                                                    |
|-------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|
|                                              |   |
| <p>Don't use it indoor.</p>                                                                                                   | <p>Don't use it in damp environment.</p>                                           |
|                                             |  |
| <p>Products without ATS(Automatic Transfer Switch) function should not be directly connected to the household power grid.</p> | <p>Don't smoke while adding fuel oil.</p>                                          |



## 1.2 Special Request

- Electrical equipment includes unexposed wires and plugs.
- The protecting breaker should be matched with generator. The application parameters and performance should be totally matched if changing.
- Well grounded before using.
- If need extension wire, it must meet the requests as below:  
4mm<sup>2</sup>, length no more than 100m.

## 2. Safety Warning Label

Please read the instruction manual carefully before use.



Warning; hot surface. Taking care to avoid coming into contact with a hot surface.



Gasoline is flammable and explosive, please use it outdoors. Before adding gasoline, stop the engine and keep away from sources of ignition. Please add gasoline outdoors.



Exhaust gas contains carbon monoxide, it is strictly prohibited to use in indoor and closed environment. [Carbon monoxide(CO) danger].



A generator that is not kept dry is a potential cause of electric shock. Do not expose the generator to damp, rain or snow. Never operate the generator with wet hands.



Let the generator cool before storing. Gasoline is explosive and flammable. Please use the generator outdoor.



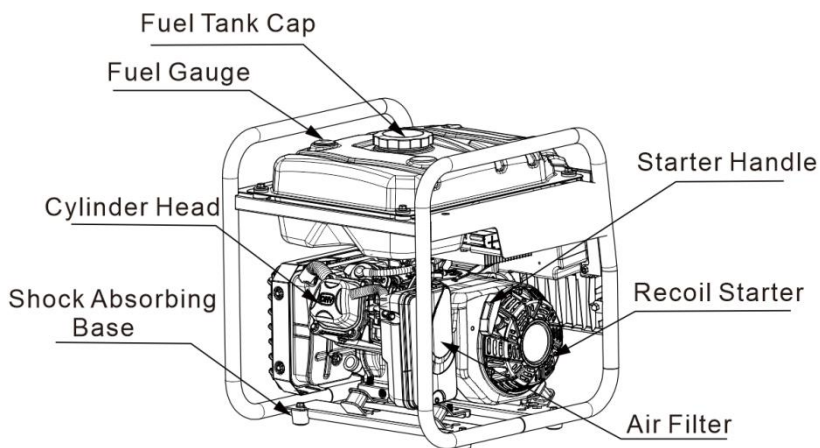
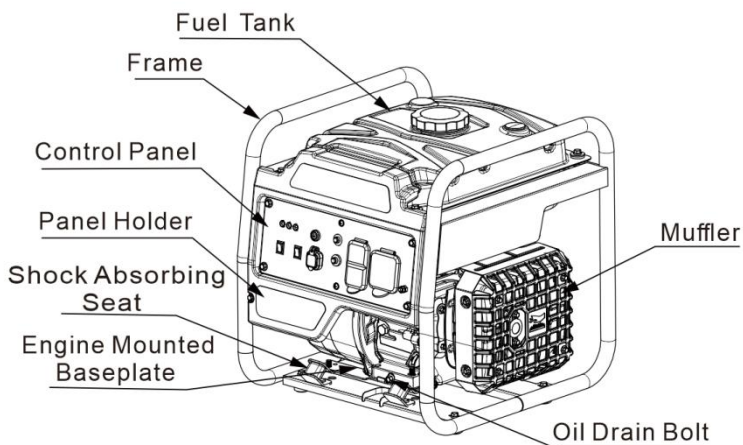
Do not connect to a building's electrical system.



Please read the instruction manual carefully before use.

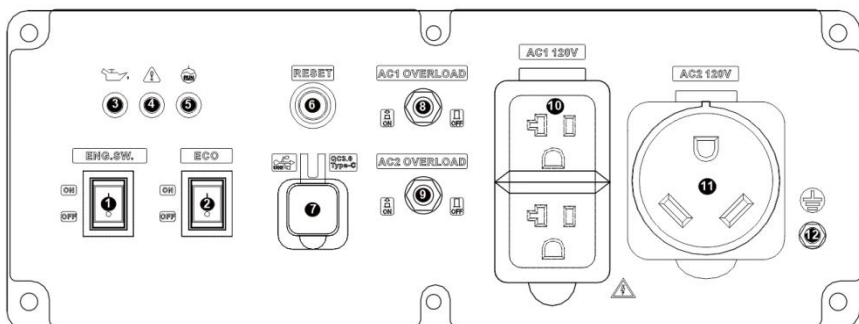
### 3. Components Identification

#### 3.1 Components Feature



### 3.2 Control Panel

(Factory will adjust the panel according to different configuration.  
Please note that subject to change without prior notice.)



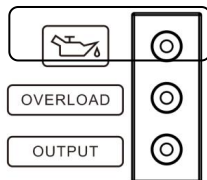
|                              |                    |
|------------------------------|--------------------|
| 1 Engine Switch              | 7 USB Socket       |
| 2 ECO Switch                 | 8 AC1 Overload     |
| 3 Low Oil Indicator (yellow) | 9 AC2 Overload     |
| 4 Overload Indicator (red)   | 10 AC1 Socket      |
| 5 Running Indicator (green)  | 11 AC2 Socket      |
| 6 AC RESET                   | 12 Ground Terminal |



## 4. Control System

### 4.1 Engine Oil Alerting System(YELLOW)

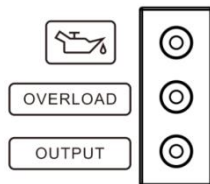
The engine oil protection system will stop the engine automatically, and the engine oil indicating lights, while the oil in crankcase is under safe line. Fill the engine oil to the oil level, it can be restart again.



If the engine oil alerting light flashes for few seconds, it means the oil capacity is insufficient. Refill the oil and restart the engine.

### 4.2 Overload Indicating Light(RED)

4.2.1 When the red indicator light flashes and the green indicator light remains on constantly, it indicates that the generator set has exceeded the rated load. If used for a long time, the output will be automatically disconnected. Please reduce the load equipment or lower the load power to the rated power range.



4.2.2 When the green indicator light goes out and the red indicator light flashes 6 times every 3 seconds, it indicates that the output of the generator set is disconnected due to overload protection or short circuit. Please reduce the load equipment or lower the load power to the rated power range, or remove the short circuit fault, and then gently touch the AC reset button. When the green indicator light is on again, it indicates that the generator set is operating normally.

4.2.3 When the green indicator light is off and the red indicator flashes 3 times every 3s, it indicates that the operating temperature of the

generator set has exceeded the limit. Please turn off the generator set and place it in a well-ventilated environment with a temperature below 40°C before using it again. Or reduce the load power and then gently touch the reset button. When the green indicator light is on again, it indicates that the generator set is operating normally.

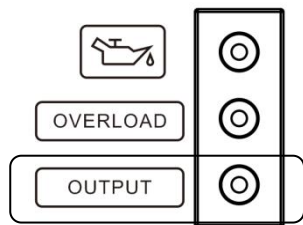
4.2.4 When the green indicator light is off and the red indicator light flashes once every 3s, it indicates that the power input of the generator set is insufficient. Please turn off the generator set, maintain the air filter, spark plug and carburetor before using it again. Or reduce the load power and then gently touch the reset button. When the green indicator light is on again, it indicates that the generator set is operating normally.



**NOTE:** When using the electrical equipment with high starting current (like compressors and sinking pumps, etc.), the overload indicator may flash for few seconds, which is a normal phenomenon, because the inverter is controlled according to the current, as long as the duration does not reach the protection time, the equipment will return to normal after successful operation.

### 4.3 AC Indicating Light(GREEN)

The AC indicating light will be on while the engine starts and keep normal output.



## 4.4 ECO Switch

### 4.4.1 "ON"

When the switch is in the "ON" position, the energy-saving device controls the engine speed according to the load it is connected to, resulting in better fuel consumption and low noise.



### 4.4.2 "OFF"

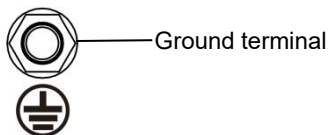
When the energy-saving switch is in the "OFF" position, the engine runs at rated speed regardless of whether the load is connected.



**NOTE:** When using devices such as air compressors or sinking pumps, the ECO must be turned off as a large starting current is required.

## 4.5 Ground Terminal

The ground terminal is connected to the ground wire to prevent electric shock. When electrical equipment is grounded, the generator must be grounded.

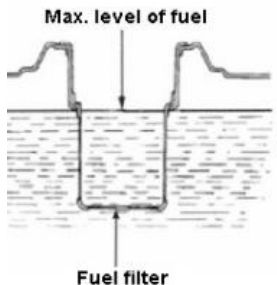
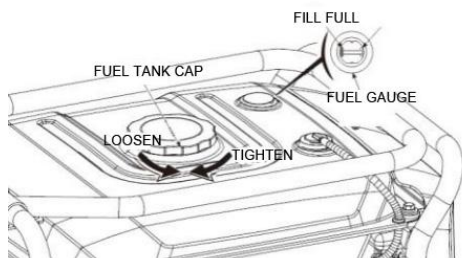


## 5. Preparation

### 5.1 Check fuel



- Under certain circumstances, gasoline is extremely flammable and explosive.
- Please refuel in a well-ventilated place and shut down the engine. Smoking or open flames are prohibited in the engine refuelling area and gasoline storage area.
- Don't overfill the fuel or it will overflow as the tank gets hot (the fuel level is lower than the red level indicator). After refuelling, make sure that the fuel tank cap is tightened (when there is a "click" sound).
- After refuelling, dry the remaining gasoline with a piece of clean and soft cloth.
- Avoid prolonged, repeated contact with gasoline or inhalation of gasoline vapor.
- Do not allow children to touch gasoline.



You must use unleaded gasoline. The leaded one would damage the internal parts of the engine.

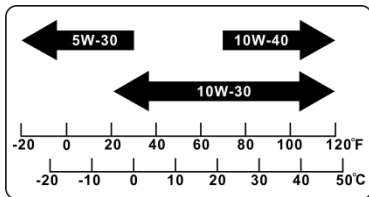
**Suggestion: unleaded gasoline**

## 5.2 Check oil level

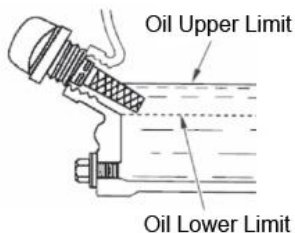
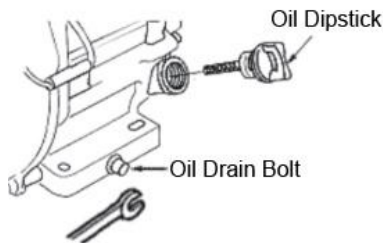


The generator was delivered without engine oil. Do not start the generator without sufficient engine oil.

Use a high-quality 4-stroke engine oil that meets or exceeds API classification SJ (American Petroleum Institute) as required by American automobile manufacturers. SAE 10W-30 is the recommended lubricant for the generator set under common temperature conditions.



Other viscosity grades may be used if the average temperature in your area falls within the range shown in the chart.

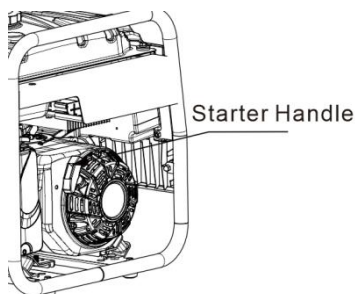


## 5.3 Starter Handle

Pull the starter handle up gently until resistance is felt, then pull it out suddenly.

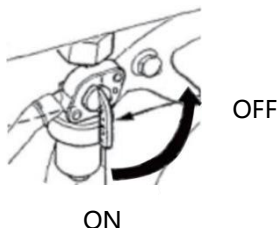


After starting, please do not let the starting handle spring back suddenly, but gently put the handle back.



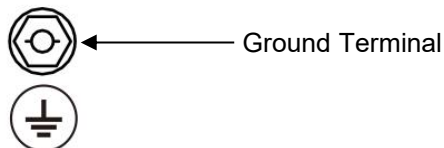
## 5.4 Fuel Tap

Fuel tap is a device that controls the flow of fuel from the tank to the carburetor. Please make sure it is on position of “OFF” after stop working.



## 5.5 Ground Terminal

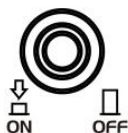
Before using the generator, make sure that the ground terminal is securely connected to the ground.



## 5.6 AC circuit breaker

When the current is overloaded, the AC output is automatically cut off, which can effectively protect the AC output sockets or AC electrical devices.

Prevent the occurrence of short circuits and overloads. Before reactivating the circuit breaker, it is essential to check the load condition.



**AC circuit breaker**

## 5.7 Choke Valve Handle

When the choke valve handle is set to the "ON" position, the choke valve of the carburetor is in the open state, ensuring that the carburetor has sufficient air intake for normal operation. This is suitable for restarting a warm engine, or initial startup and generator operation when the ambient temperature is high. When the choke valve handle is set to the "OFF" position, the carburetor choke is in the closed state, which is suitable for cold engine starting.



## 6. Generator Use

- Applicable temperature:  $-5^{\circ}\text{C} \sim 40^{\circ}\text{C}$
- Applicable humidity : below 95%
- Applicable altitude: below 1000m (In areas above 1000 meters, the

power should be reduced or contact the dealer to adjust the carburetor.)

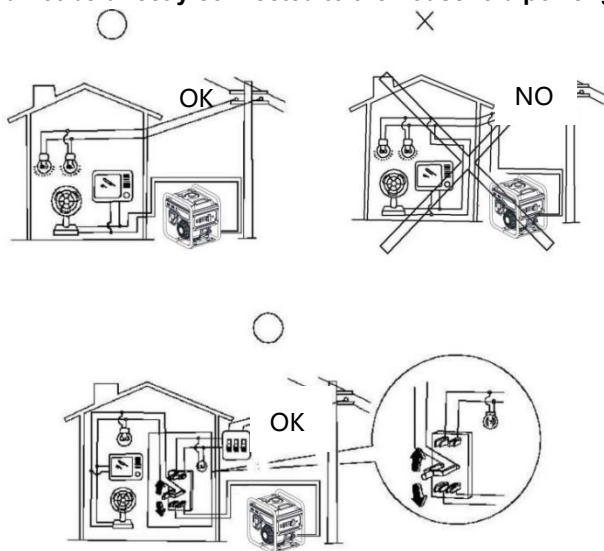
## 6.1 Connect Household Electrical Equipment

### **WARNING**

After connecting the household electrical equipment to the generator, carefully check whether the electrical connection is safe and reliable. If there is an incorrect electrical connection, it may cause damage to the generator, catch fire or cause a fire.

When connecting the generator to the household power grid as a backup power, it should be operated by a specialist electrician or someone familiar with electricity.

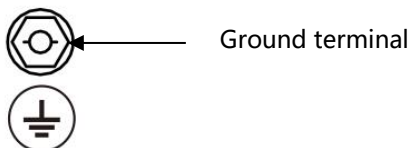
**Generator without ATS (Automatic Transfer Switch) function** should not be directly connected to the household power grid.





## 6.2 Generator Grounded

In order to prevent electrical appliances from being damaged by electric shock or the wrong use of electricity, it is recommended to connect the generator to the ground using high-quality insulated wire before using it.



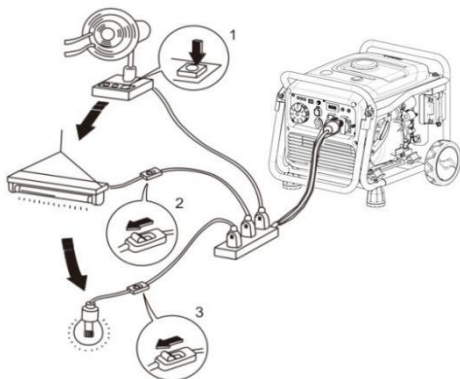
## 6.3 AC Output

Before starting the generator, please confirm:

The total power of the load appliances (the sum of the resistive, capacitive and inductive loads) shall not exceed the rated power of the generator.



**Overloading will cause the generator to shut down or significantly shorten its lifespan. If the generator is connected with several loads or electric equipment, please remember: First connect the one with the highest starting load, and finally connect the one with the lowest starting current.**



Generally speaking, capacitive and inductive loads, especially motor drives, produce a large starting current during starting. The following table is for your reference when connecting these electrical appliances to the generator set.

| Type                                                                                             | Wattage |       | Typical Equipment                                                                                                                                                      | Example                                                                                   |                  |              |
|--------------------------------------------------------------------------------------------------|---------|-------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|------------------|--------------|
|                                                                                                  | Start   | Rated |                                                                                                                                                                        | Device                                                                                    | Start            | Rated        |
| <ul style="list-style-type: none"> <li>●Incandescent Lamp</li> <li>●Heating Apparatus</li> </ul> | X1      | X1    | <br> | <br>100W | 100VA<br>(W)     | 100VA<br>(W) |
| <ul style="list-style-type: none"> <li>●Fluorescent Lamp</li> </ul>                              | X2      | X1.5  |                                                                                       | <br>40W  | 80VA<br>(W)      | 60VA<br>(W)  |
| <ul style="list-style-type: none"> <li>●Electromotor Drive Device</li> </ul>                     | X3-5    | X2    | <br> | <br>150W | 450-750VA<br>(W) | 300VA<br>(W) |

## 6.4 Used in High Altitude Areas

At high altitudes, a standard carburetor will make the gasoline engine mixture too strong, reduce the output power and increase the fuel consumption rate. The performance of a gasoline engine can be improved by replacing the carburetor with a smaller main nozzle or by adjusting the adjusting screw. If you always use the generator at high altitudes among 1000m from sea level, you can come to our authorized dealer to replace a carburetor. Otherwise, the load power should be reduced by using the

generator.

Even with the right carburetor, each 300m rise in altitude reduces the power of a gasoline engine by about 3.5%. This decline would have been greater if the carburetor had not been replaced properly.



**If the carburetor suitable for high-altitude use is equipped with the gasoline engine suitable for low-altitude use, the thin mixture will cause the output power of the gasoline engine to drop, overheat and even cause serious damage.**

## **7. Starting the Generator**

### **7.1 Recoil Start**

- 1) Check the engine oil and fuel level before starting, and remove all loads from the output end.
- 2) Put Engine Switch in the “ON” position.
- 3) Put Fuel Tap in the “ON” position.
- 4) Put the AC Circuit Breaker in the “OFF” position.
- 5) Put the Choke Valve Handle in the “OFF” position when start in a cold state.



**When starting the engine in a hot state, please set the Choke Valve Handle to the “ON” position.**

- 6) Pull the starter handle up gently until you feel resistance and pull it out quickly.
- 7) When the generator is started, place the choke valve handle in the

"ON" position.

8) Put the AC Circuit Breaker in "ON" position before using the electrical load.

## 8. Stopping the Generator

- 1) Disconnect all electrical equipment.
- 2) Turn off the ECO switch.
- 3) Turn off AC Circuit Breaker.
- 4) Turn off the Engine Switch.
- 5) Turn off the Fuel Tap.



**To stop the generator in an emergency, put the generator switch in the "OFF" position.**

## 9. Maintenance

Good maintenance is the best guarantee for safe, economical and zero fault operation, also contribute to environment protection.

In order to keep the engine in good condition, you must check and maintain it regularly. Please follow the schedule below.

| Maintenance period<br>Item |                 | Each use | First month or 20 hrs | Every 3 months or 50 hrs | Every year |
|----------------------------|-----------------|----------|-----------------------|--------------------------|------------|
| Engine oil                 | Check-Refill    | √        |                       |                          |            |
|                            | Replace         |          | √                     | √                        |            |
| Gearbox gear oil (If any)  | Check oil level | √        |                       |                          |            |
|                            | Replace         |          | √                     | √                        |            |
| Air filter element         | Check           | √        |                       |                          |            |
|                            | Clean           |          | √                     |                          |            |

|                                                                                                                              |                            |                                                                              |   |   |    |
|------------------------------------------------------------------------------------------------------------------------------|----------------------------|------------------------------------------------------------------------------|---|---|----|
|                                                                                                                              | Replace                    |                                                                              |   | √ |    |
| Precipitation cup (if any)                                                                                                   | Clean                      |                                                                              |   |   | √  |
| Spark plug                                                                                                                   | Check-Adjust               |                                                                              |   |   | √* |
| Spark arrester                                                                                                               | Clean                      |                                                                              | √ | √ |    |
| Idle (if any)**                                                                                                              | Check-Adjust               |                                                                              |   |   | √  |
| Valve clearance**                                                                                                            | Check-Adjust               |                                                                              |   |   | √  |
| Fuel tank & filter**                                                                                                         | Clean                      |                                                                              |   |   | √  |
| Fuel oil pipe                                                                                                                | Check                      | Every 1 years (Please replace it if necessary.)                              |   |   |    |
| Cylinder head, Piston                                                                                                        | Remove carbon deposition** | Displacement < 225cc, every 125 hrs;<br>Displacement ≥ 225cc, every 250 hrs. |   |   |    |
| * These items should be replaced if necessary.                                                                               |                            |                                                                              |   |   |    |
| ** These items should be maintained by our authorized dealers unless the user has the appropriate tools and repair capacity. |                            |                                                                              |   |   |    |

- The engine oil should be replaced every 10 hours if working frequently at high temperatures or loads.
- The air filter element should be cleaned every 10 hours if working frequently at dusty or bad environment. If necessary, please replace it every 25 hours.
- The inspection cycle and time should follow a first-come, first-served maintenance schedule.
- If the maintenance cycle time has passed, the maintenance should be carried out as soon as possible according to the above table.



**Please stop the generator before any maintenance. Place it in a horizontal position. To prevent engine starting, separate the spark plug cap from the spark plug.**

**Please do not use it indoors or in places with poor ventilation such as tunnels and caves. Make sure the working area is well ventilated. Exhaust from engines contains the toxic gas carbon monoxide, which can cause shock, loss of consciousness and even death when inhaled.**

## **9.1 Replace Engine Oil**

Starting the gasoline engine for a few seconds and then stopping it can ensure the oil is discharged quickly and cleanly.

- ① Remove the oil dipstick. Unscrew the drain bolt to drain oil.
- ② Install the drain bolt and tighten it.
- ③ Fill oil and check oil level.
- ④ Install the oil dipstick.



Prolonged and frequent exposure to oil can lead to skin cancer. While this is not a given, it is still recommended that you use soap and water to immediately and thoroughly wash any skin that has been exposed to oil.

From an environmental point of view, please properly handle the waste oil produced after use. We strongly recommend that you put the oil in a sealed container and take it to your local service station or oil recycling center. Please remember: don't throw it in the trash or dump it on the ground or in a ditch.

## 9.2 Air Filter Maintenance

Dirty air filters will affect the flow of air into carburetors. To prevent carburetor breakdown, air filters should be regularly maintained. If it is used in dusty environment, it should be maintained more frequently.

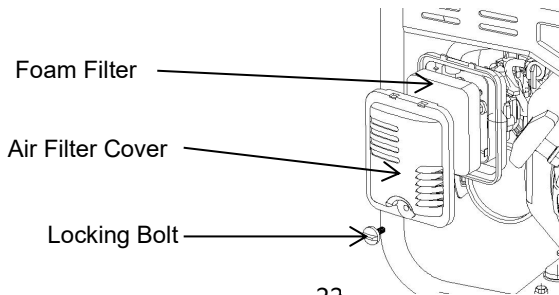


Cleaning the filter element with gasoline or flammable solvents may cause fire or explosion. Please use soapy water or non-flammable solvent to clean the filter element.



It is strictly forbidden to start the generator without air filter, otherwise it will lead to rapid wear and tear of the gasoline engine.

- 1) Open the locking bolt of the air filter cover and open the air filter cover. Check the filter element and ensure it's in good condition and clean.
- 2) If the foam filter is dirty, please clean it. Wash in hot water with household detergent or in non-flammable or high flash solvent. Then rinse with clean water and squeeze. Then drop a few drops of oil and squeeze evenly.
- 3) Fill in the filter element and cover the air filter cover, then tighten the locking bolt.

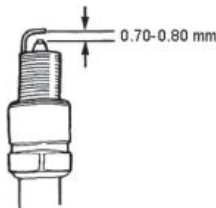


### 9.3 Spark Plug

To ensure the normal operation of the generator set, the spark plug gap must be adjusted correctly and carbon deposits must be removed.

Incorrect spark plug can cause engine damage. If the engine is hot, please wait until it cools down to maintain the spark plug, and replace the spark plug according to the original spark plug model: **F7TC/ F7RTC**.

- 1) Remove the spark plug cap.
- 2) Use the spark plug socket wrench to remove the spark plug.
- 3) Visually inspect whether the spark plug insulator is damaged. Replace the spark plug if it is damaged.
- 4) Measure spark plug clearance with thickness gauge. Bend the side electrodes to adjust the clearance. The clearance shall be between 0.70 and 0.80mm.
- 5) Check that if the spark plug gasket is in good condition. To prevent the threads from stripping, carefully screw the spark plug back in by hand.
- 6) After reinstalling the spark plug, use a spark plug socket to tighten it. And press down the spark plug gasket.
- 7) Cover the spark plug cap.



**Please use spark plugs with appropriate calorific value.**



## 10. Storing



To avoid combustion or misfire due to contact with high-temperature components of the generator, the generator must be cooled before packaging and storage.

If long-term storage is required, please make sure the storage area is clean and dry.

1) Drain fuel from the fuel tank. Clean the fuel filter, O-ring seal and precipitation cup after the assembly. Unscrew the carburetor drain bolt, drain the fuel from the carburetor entirely, then reinstall and tighten the carburetor drain bolt.



**In ordinary circumstances, gasoline is flammable and explosive. Please discharge oil in well-ventilated condition after stop. No fireworks during oil discharge.**

2) Unscrew the oil dipstick and oil drain bolt on the crankcase, and drain the oil in the crankcase. Then tighten the drain bolts, add new oil to the upper limit, and then install the oil dipstick.

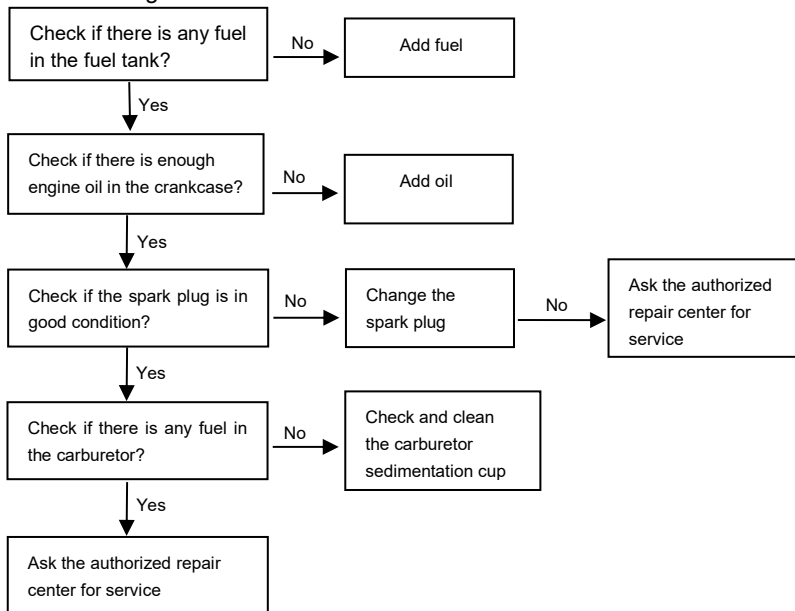
3) Remove the spark plug and pour a tablespoon of clean engine oil into the combustion chamber. Turn the crankshaft several times to distribute the oil. Reinstall the spark plugs.

4) Gently pull the starting handle until resistance is felt, leaving the inlet and exhaust doors close.

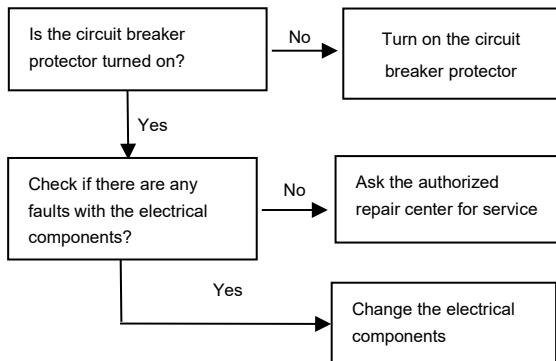
5) Place the generator set in a clean and dry area.

## 11. Trouble Shooting

When the engine cannot be started:

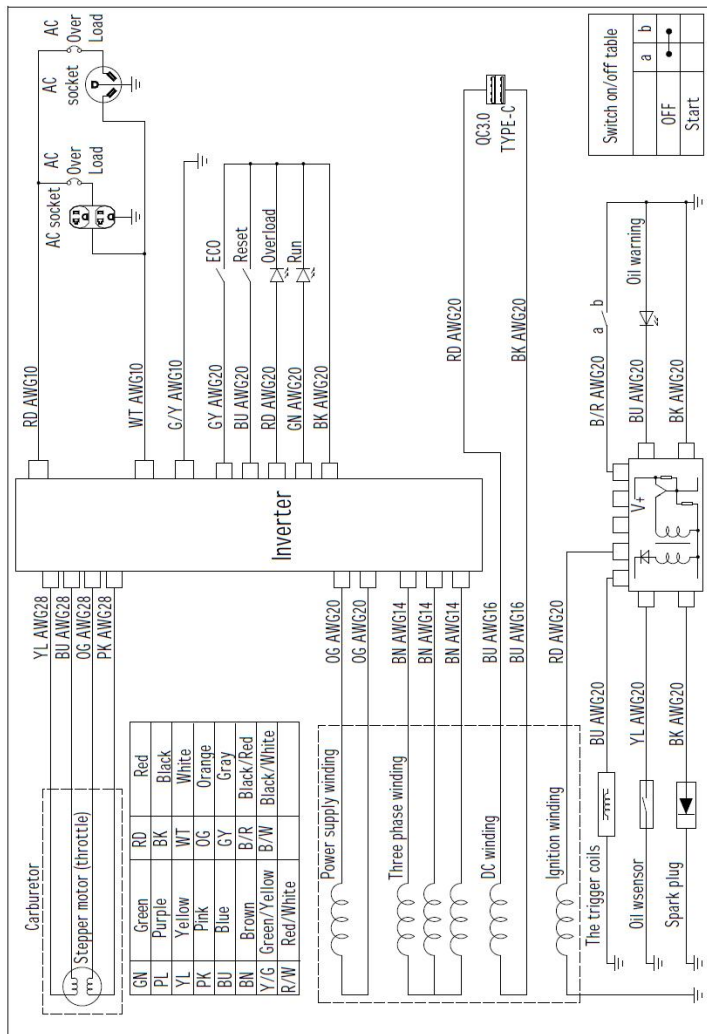


When it shows no voltage:



## 12. Circuit Diagram

(The factory will adjust according to the different configuration, subject to change without prior notice.)



### 13. Technical Specifications

|                 | Item                            | EDOG21                                   |
|-----------------|---------------------------------|------------------------------------------|
| Gasoline engine | Engine type                     | Single cylinder, four-stroke, air-cooled |
|                 | Displacement(cc)                | 223                                      |
|                 | Starting type                   | Recoil start                             |
|                 | Fuel tank capacity (L)          | 13L                                      |
|                 | Engine oil capacity(L)          | 0.6                                      |
| Generator set   | Rated frequency(Hz)             | 60                                       |
|                 | Phase                           | Single                                   |
|                 | Rated voltage (V)               | 120                                      |
|                 | Rated output power(kW)          | 4.5                                      |
|                 | Max. output power (kW)          | 6                                        |
|                 | THD without load                | ≤5%                                      |
|                 | Running time at rated power • h | ≥3.5                                     |
|                 | Weight(kg)                      | 33                                       |
|                 | Dimensions(mm)                  | 455×420×491                              |

## 14. SERVICE INFORMATION

If you are not entirely satisfied with your purchase, please feel free to contact us using the following steps:

1. Go to Your Orders.
2. Find your order in the list.
3. Select Problem with order
4. Choose your topic from list displayed.
5. Select Contact seller.
6. You can also contact us via email, our email:  
InGeneratorSupport@163.com

## **EMISSION CONTROL SYSTEM WARRANTY STATEMENT**

### **YOUR WARRANTY RIGHTS AND OBLIGATIONS**

The U. S. EPA and STAR SKY TECHNOLOGY INTERNATIONAL GROUP CO.,LTD are pleased to explain the emissions control system warranty on your model year 2026 and later small off-road engine and equipment (equipment).

New equipment must be designed, built and equipped to meet the stringent anti-smog standards. STAR SKY TECHNOLOGY INTERNATIONAL GROUP CO.,LTD must warranty the emission control system on your equipment for the period of time listed below, provided there has been no abuse, neglect or improper maintenance of your equipment.

Your emission control system may include parts such as the carburetor, air cleaner, ignition system, exhaust system, and other associated emission-related components.

Where a warrantable condition exists, STAR SKY TECHNOLOGY INTERNATIONAL GROUP CO.,LTD will repair your equipment at no cost to your including diagnosis, parts and labor.

### **MANUFACTURER'S WARRANTY COVERAGE**

This emissions control system is warranted for two years. If any emission-related part on your equipment is defective, the part will be repaired or replaced by STAR SKY TECHNOLOGY INTERNATIONAL GROUP CO.,LTD.

### **OWNER'S WARRANTY RESPONSIBILITIES**

As the equipment owner, you are responsible for the performance of the required maintenance listed in your Owner's Manual. STAR SKY TECHNOLOGY INTERNATIONAL GROUP CO.,LTD recommends that you retain all your receipts covering maintenances on your equipment, but STAR SKY TECHNOLOGY INTERNATIONAL GROUP CO.,LTD cannot deny warranty solely for the lack of receipts or for your failure to ensure the performance to all scheduled maintenance.

As the equipment owner, you should however be aware that STAR SKY TECHNOLOGY INTERNATIONAL GROUP CO.,LTD may deny your warranty coverage if your equipment or part has failed due to abuse, neglect, improper maintenance or unapproved modifications.

You are responsible for presenting your equipment to an Authorized STAR SKY TECHNOLOGY INTERNATIONAL GROUP CO.,LTD Service Dealer as soon as a problem exists. The warranted repairs should be completed in a reasonable amount of time, not to exceed 30 days.

If you have any questions regarding your warranty rights and responsibilities, you should contact:

Company: Windrider Tech Co., Ltd.

Contact Person: Austin

Tel.: 3322586131

Mail: InGeneratorSupport@163.com

Add.: 2707 Realty Road STE 100 Carrollton Texas 75006

## DEFECTS WARRANTY REQUIREMENTS

STAR SKY TECHNOLOGY INTERNATIONAL GROUP CO.,LTD warrants to the ultimate purchaser and each subsequent purchaser that the equipment is designed, built and equipped so as to conform with all applicable regulations; and free from defects in materials and workmanship that cause the failure of a warranted part, and is identical in all material respects to that part as described in the application for certification.

The warranty period begins on the date the equipment is delivered to an ultimate purchaser or first placed into service. Subject to certain conditions and exclusions as stated below, the warranty on emission-related parts is as follows:

1. Any warranted part that is not scheduled for replacement as required maintenance in the written instructions supplied is warranted for the warranty period stated above. If the part fails during the period of warranty coverage, the part will be repaired or replaced by STAR SKY TECHNOLOGY INTERNATIONAL GROUP CO.,LTD according to subsection (4) below. Any such part repaired or replaced under warranty will be warranted for the remainder of the period.
2. Any warranted part that is scheduled only for regular inspection in the written instructions supplied is warranted for the warranty period stated above. Any such part repaired or replaced under warranty will be warranted for the remaining warranty period.
3. Any warranted part that is scheduled for replacement as required maintenance in the written instructions supplied is warranted for the period of time before the first scheduled replacement date for that part. If the part fails before the first scheduled replacement, the part will be repaired or replaced by STAR SKY TECHNOLOGY INTERNATIONAL GROUP CO.,LTD according to subsection (4) below. Any such part repaired or replaced under warranty will be warranted for the remainder of the period prior to the first scheduled replacement point for the part.
4. Repair or replacement of any warranted part under the warranty provisions herein must be performed at a warranty station at no charge to the owner.
5. Notwithstanding the provisions herein, warranty services or repairs will be provided at all of our distribution centers that are franchised to service the subject engines or equipment.
6. The equipment owner will not be charged for diagnostic labor that is directly associated with diagnosis of a defective, emission-related warranted part, provided that such diagnostic work is performed at a warranty station.
7. STAR SKY TECHNOLOGY INTERNATIONAL GROUP CO.,LTD is liable for damages to other engine or equipment components proximately caused by a failure under warranty of any warranted part.
8. Throughout the equipment warranty period stated above, STAR SKY TECHNOLOGY INTERNATIONAL GROUP CO.,LTD will maintain a supply of warranted parts sufficient to meet the expected demand for such parts.
9. Any replacement part may be used in the performance of any warranty maintenance or repairs and must be provided without charge to the owner. Such use will not reduce the warranty obligations of STAR SKY TECHNOLOGY INTERNATIONAL GROUP CO.,LTD.
10. Add-on or modified parts that are not exempted by the Air Resources Board may not be used. The use of any non-exempted add-on or modified parts by the ultimate purchaser will be grounds for disallowing a warranty claim. STAR SKY TECHNOLOGY INTERNATIONAL GROUP CO.,LTD will not be liable to warrant failures of warranted parts caused by the use of a non-exempted add-on or modified part.

## WARRANTED PARTS

The repair or replacement of any warranted part otherwise eligible for warranty coverage may be excluded from such warranty coverage if STAR SKY TECHNOLOGY INTERNATIONAL GROUP CO.,LTD demonstrates that the equipment has been abused, neglected, or improperly maintained, and that such abuse, neglect, or improper maintenance was the direct cause of the need for repair or replacement of the part. That notwithstanding, any adjustment of a component that has a factory installed, and properly operating, adjustment limiting device is still eligible for warranty coverage. Further, the coverage under this warranty extends only to parts that were present on the equipment purchased.

The following emission warranty parts are covered (if applicable):

1. Air-induction system

- . • Air cleaner
- . • Intake manifold

2. Fuel system

- . • Cold start enrichment system (soft choke)
- . • Carburetor and internal parts
- . • Fuel Pump
- . • Fuel Tank

3. Ignition system

- . • Spark plug(s)
- . • Magneto Ignition System

4. Exhaust systems

5. Miscellaneous Items Used in Above System

- . • Vacuum, temperature , position, time sensitive valves and switches
- . • Sensors
- . • Electronic control units

6. Evaporative Emissions Control

- . • Fuel Cap.
- . • Fuel Line.
- . • Fuel Line Fittings.
- . • Vapor Hoses.