



说明书材质要求: 105g 有光铜版纸	说明书成品尺寸: 105x143mm
第一: 专色+CMYK油墨要求: 1.K色油墨: 洒联黑墨	第二: 特别注意: 暂无
	 Black (单色印刷)
折叠方式: 风琴折 (20P 以下 用风琴折) / 骑马钉 (20P 以上 用骑马钉) 特殊情况: 16P/20P: 风琴折 + 对折	备注:

特别注意: 此页内容不印刷

风琴折 + 对折 页面顺序

16P 页面顺序

9	10	11	封面
12	13	14	封底

1	2	3	4
5	6	7	8

20P 页面顺序

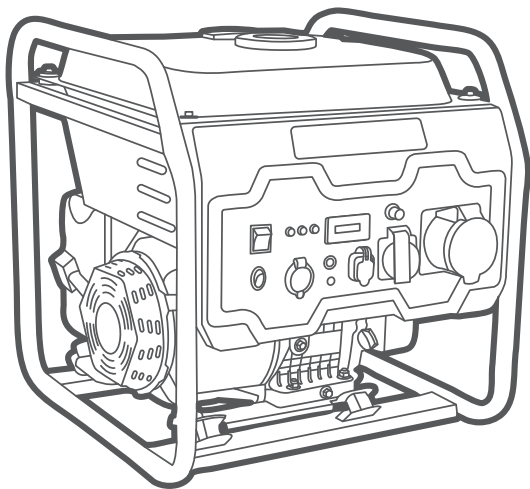
11	12	13	14	封面
15	16	17	18	封底

1	2	3	4	5
6	7	8	9	10

更改记录	1. WGEAB10互转			1. JDGEAB10改为JDGEAB11 添加-58货号		
	0524.J01	2024.5.16	ZRR	0825.J02	2025.8.6	Ligeia
	版本号	日期	设计师	版本号	日期	设计师

Jadever

INVERTER GASOLINE GENERATOR



JDGEAB06 JDGEAB08 JDGEAB11
JDGEAB06x JDGEAB08x JDGEAB11x
x (blank,-1,-2,-3,-4,-5,-6,-7,-8,-9,-58,E,S,A,M)

**PRODUCT
MANUAL**

GENERAL SAFETY WARNINGS** CAUTION!****Electrocution hazard - Electricity can cause DEATH or SERIOUS INJURY**

- Do not use bare wire to connect power supply to electrical equipment, use a plug that meets local regulations.
- During generator operation, do not touch exposed wires.
- During generator operation, keep children a safe distance from the generator unit.
- Do not use the generator unless it is fully assembled as instructed in this manual.
- Properly ground the generator and verify grounding is in place before each use. Grounding regulations vary by location, consult a qualified electrician for verification.
- Accessories including cables and plug must not be defective. Electric shock prevention hinges on the breaker. If you renew the breaker use a breaker with the same rating and performance features, contact your local authorized service agent.

** CAUTION!****Fuel used by the generator is combustible, as this equipment generates high temperature, this causes a fire risk in some circumstances, such as refueling.**

- It is strictly prohibited to add fuel while the generator is operating;
- When adding fuel, keep far away from any ignition source, and NO smoking;
- When adding fuel, pay attention not to spill fuel on the equipment, if fuel is spilled clean it immediately, and only start it up when the spilled fuel has evaporated completely;
- During operation, be sure there are no combustibles within a 2m range.
- In case of long-term nonuse, make sure you use a fuel stabilizer or empty the fuel tank and bowl.

Electronic safe

Please do not keep emergency keys in your safe!

Dear valued customer:

Thank you for choosing our products! You've taken an important Step in organizing and protecting your most valued possessions. Every series of our safes is professionally made and designed to provide safety. Please take time to read and familiarize yourself with the proper operating procedures of your new safe presented on the following pages. Again, thank you for choosing our products!

CAUTION!

This equipment contains high speed revolving parts, which may cause injury.

- During generator operation, avoid coming into contact with any revolving parts.
- During generator operation, observe surroundings, make sure there is no risk to the generator, other people and nearby equipment.
- During generator operation, do not lift or re-position. Turn the generator off ensuring it has come to a complete stop.

Operating requirements.

- Do not place weight on the equipment.
- The wheel is adopted for convenience of equipment moving, do not use it in long distance, otherwise it will be damaged.
- Do not exceed rating power of the equipment in operation; otherwise, its service life will be shortened. Power of common household appliances is shown on maintain page in details.
- Maintain the equipment based on requirements so as to prolong its service life, refer to maintain page for details.
- Operate and store the generator in a dust free area this prevents dust entering inside of the equipment which reduces its working life.

THE SYMBOLS IN INSTRUCTION MANUAL

Some of following symbols are used in the machine or the manual. To understand their meanings will make it easy and safe for you in operation.

Symbol	Name	Meaning
V	Volt	Voltage unit
A	Ampere	Current unit
Hz	Hertz	Frequency unit (1Hz=60 r/min)
W	Watt	Power unit
RPM	Revolution per minute	Speed unit
PF	Power factor	Generator efficiency
G1	Performance rate	Performance rate
	CE conformity.	
	Read Instructions	Read Instructions
	Electrocution risk	Indicate that there is an electrified body here, pay attention to safety.
	Electric Shock	This is an electric device, failure to observe the indication may result in an electric shock.
	Safety Warning	Risk of harm in the case of not following instructions.
	Electricity, Do Not Touch	The device produces electricity, do not touch during operation.
	Fire	High temperature generated from operation may cause fire, so operate it with caution.

	Explosion	If the fuel tank is exposed to high temperature or open fire it may explode.
	Fuel	Fuel symbol.
	Grounding	Consult an electrician to determine grounding. Make sure the generator is safely grounded before operation.
	Water exposure	Do not use a plug or electric device on rainy days or if they are wet.
	Engine oil	Engine oil symbol and the specification is based on maintain page.
	Toxic Gas	Exhaust gas from this generator contains Carbon Monoxide (CO), a colorless & odorless gas. Excessive exposure to CO may cause loss consciousness and may lead to death in extreme circumstances.
	Burns	Some parts will generate high temperature in operation, this will burn the skin.

ADDITIONAL SAFETY WARNING

CAUTION!

- Do not use indoor
- Do not connect Direct to home circuit
- No smoking while adding fuel
- Do not use in humid environment
- Keep combustible material 5m
- Shut off the engine while adding fuel
- Do not overfill

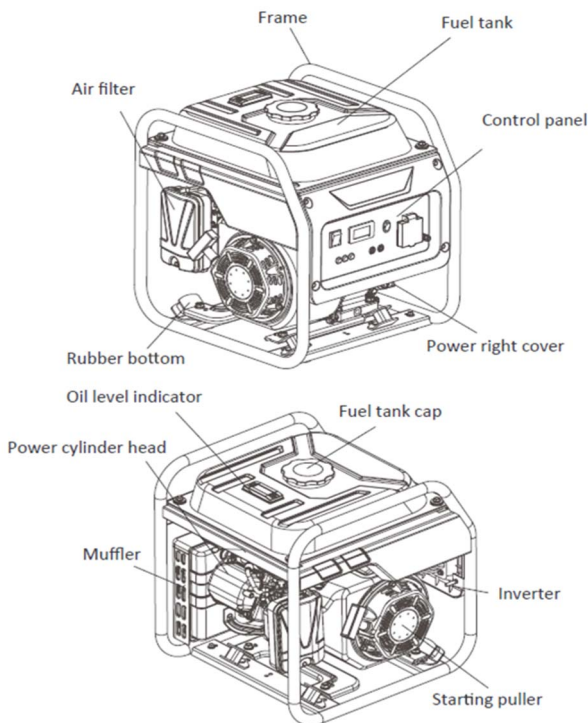
Connect to the Home Power Supply. When connecting the generator to the home power supply as a backup power supply, the connection should be made by a professional electrician or someone familiar with electricity. After connecting the load to the generator, carefully check that the electrical connection is secure. If there is an incorrect electrical connection, it may cause damage to the generator, burning or fire, explosion.

Grounding

In order to prevent the electric shock caused by inferior electrical appliances or the wrong use of electric, the generator is grounded with a good wire with insulation.

Air filter, starting tray, muffler exhaust port, inverter air intake port, motor air intake port should be kept ventilated and free of debris, mud, water, particles and serious dust. If these vents are blocked, the engine, frequency converter or motor may be damaged. Do not place generators with other things when handling, storing or using them. Get up. If it leaks, it could damage the engine or your property.

SPECIFICATIONS



Control function

Recoil

Engine switch, control ignition system.

OFF: stops the engine.

ON: running position, start by hand puller.

Digital display

After the generator set starts successfully, it will display the output voltage, frequency, running time, and accumulated time.

Indicator light

Green: The running indicator light represents the normal operation of the equipment and the output voltage is normal.

Red: overload indicator light.

Blinking: It means that the load of the generator set is too large, exceeding the rated power, and it is recommended to reduce the load power.

Yellow: engine oil indicator light, which means the amount of engine oil is low, please add engine oil in time, otherwise the generator set can't run normally.

Parallel interface

Two or more similar products can be used in parallel, and the efficiency of the parallel machine is $\geq 90\%$. The red jack corresponds to the red jack, and the black jack corresponds to the black jack. After the two machines are connected, start the first generator set, and start the second generator set until the green running indicator light is always on, until the second When the green running indicator light of the generator set is always on, the parallel operation is successful.

Output socket

Generator set voltage output: pay attention to safety when plugging into the socket, and ensure that the load has no short circuit.

Featured device oil alarm system

The oil warning system is used to prevent engine damage caused by insufficient oil in the crankcase. Before the amount of oil in the crankcase drops to the minimum safe value, the oil alarm system will automatically stop the engine (the engine

switch is still in the "on" position).

If the engine stalls and will not restart, check the oil level before servicing other areas.

Overload protection

When the load is greater than 3.0kW, the red-light flashes.

The load is protected within 30 seconds to close the output, and the red light is always on.

Short circuit protection

When the load is short-circuited, the product will be protected immediately, the output will be cut off, the red light will always be on, and the power will be restored.

Over temperature protection

When the temperature of the inverter is higher than 80° C, the red indicator light flashes for 15 seconds and then the product turns off the output, and the red light is always on;

Ground terminal

The ground terminal is connected to the frame of the generator set, it is the metal without current in the generator set, and it is also the ground terminal of each socket.

Before using the grounding terminal, consult with local dealers, experienced electricians, and circuit inspectors authorized by a local generator to set usage laws.

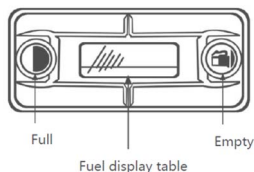
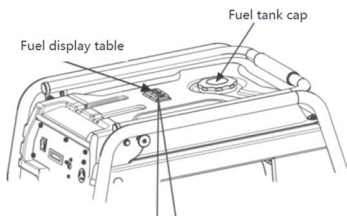
Fuel display table

The fuel display table is a device that measures the fuel level in the fuel tank.

A red indicator on the glass will show the oil level condition. For an extended operating time, fill up with oil before running.

Check the oil level by placing the generator set on a level surface.

At the same time, please perform a refueling operation after the shutdown.



Technical specifications

Model No.		JDGEAB06, JDGEAB06-2 JDGEAB06-4, JDGEAB06-6 JDGEAB06-8, JDGEAB06-9 JDGEAB06S	JDGEAB06-5 JDGEAB06-58
	Type	Inverter Generator	
Generator	Frequency	50Hz	60Hz
	Rated voltage	220-240V~	220-240V~
	Max power	3800W	3800W
	Rated power	3500W	3500W
	Power factor	1	1
	THD	≤3%	≤3%
Engine	Engine type	Engine: single cylinder, 4 stroke, OHV, air-cooled	
	Displacement	212cc	
	Ignition system	Non-contact transistor	
	Fuel tank capacity	10L	
	Engine oil output capacity	0.6L	
	Starting type	Recoil	

- Due to our continuing program of research and development, the specifications herein are subject to change without notice.

Model No.		JDGEAB08, JDGEAB08-2 JDGEAB08-4, JDGEAB08-6 JDGEAB08-8, JDGEAB08-9 JDGEAB08S	JDGEAB08-5 JDGEAB08-5S
	Type	Inverter Generator	
Generator	Frequency	50Hz	60Hz
	Rated voltage	220-240V~	220-240V~
	Max power	5500W	5500W
	Rated power	5000W	5000W
	Power factor(COS)	1	1
	THD	≤3%	≤3%
Engine	Engine type	Engine: single cylinder, 4 stroke, OHV, air-cooled	
	Displacement	275cc	
	Ignition system	Non-contact transistor	
	Fuel tank capacity	15L	
	Engine oil output capacity	0.6 L	
	Starting type	Recoil	

- Due to our continuing program of research and development, the specifications herein are subject to change without notice.

Model No.		JDGEAB11, JDGEAB11-7 JDGEAB11-4, JDGEAB11-6 JDGEAB11-8, JDGEAB11-9 JDGEAB11S	JDGEAB11-5 JDGEAB11-58
	Type	Inverter Generator	
Generator	Frequency	50Hz	60Hz
	Rated voltage	220-240V~	220-240V~
	Max power	7500W	7500W
	Rated power	7000W	7000W
	Power factor	1	1
	THD	≤3%	≤3%
Engine	Engine type	Engine: single cylinder, 4 stroke, OHV, air-cooled	
	Displacement	420cc	
	Ignition system	Non-contact transistor	
	Fuel tank capacity	25L	
	Engine oil output Capacity	1.2 L	
	Starting type	Recoil+Electric	

- Due to our continuing program of research and development, the specifications herein are subject to change without notice.

PREPARATION

CAUTION!

Your safety is your responsibility and taking the time to prepare will greatly reduce the risk of injury.

Knowledge understanding

Read and understand this operator's manual. Master the functions and operation methods of the control panel.

When the generator set is used for power equipment, be careful not to exceed the load limit of the generator set.

Is the generator ready?

For your safety and to maximize the life of your equipment, it is important to take some time to inspect the condition of your generator set before operating it. use generator set.

Make sure that any problems you find have been fixed, if not, please contact your dealer for inspection and repair.

Before the operation, if the generator set has not been properly maintained, there are problems with it and don't repair it well, it may cause serious injury to you.

To prevent fire, keep generators at least 1 meter away from building walls or other operating machines. Keep flammable objects away from the generator.

When performing pre-work inspections, make sure that the generator set is on a level surface and the generator switch is in the "OFF" position.

Checking the engine

Check the oil level A low oil level will cause the oil warning system to stop the engine from running.

Check the air filter. A dirty air filter will block air from entering the carburetor, reducing engine and generator performance.

Check fuel level. Restarting the engine after the fuel tank is full, to help avoid or reduce the frequency of stoppages for refueling

Precautionary Guidelines for Safe Operations

Before running the generator set for the first time, please read the relevant chapters of generator set safety instructions and preparations before operation.

For your safety, avoid starting and running the generator set in a closed and airtight

place such as a garage. The toxic carbon monoxide gas in the exhaust gas is easy to accumulate in a sealed environment and causes illness or death.

NOTE: The exhaust gas contains carbon monoxide, a toxic gas that can put sealed spaces at risk. Inhaling carbon monoxide can cause loss of consciousness and even lead to death.

Do not operate the generator in enclosed or semi enclosed spaces.

Before connecting the AC unit or power cord to the generator

- Use grounded three-point wiring, tools, and electrical equipment, or use double insulated tools and electrical equipment to ensure that the wiring harness can withstand the maximum current of the electrical equipment.
- Check whether the wiring harness and socket are exposed or damaged, if damaged, please replace them to avoid the risk of electric shock.
- Make sure that the amperage of the tools and equipment doesn't exceed the amperage of the generator set, be careful not to exceed the maximum output power of the generator set, and the operating time between the rated value and the maximum value output power does not exceed 30 minutes. Operate the generator set at least 1 meter away from walls or other operating equipment.
- Don't operate the generator set in a sealed environment.

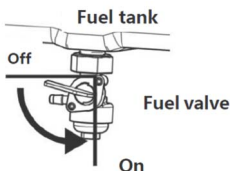
Start the generator set

To prevent fire effectively, please keep at least 1 meter away from walls or other equipment during operation. Don't place flammable and explosive items near the generator.

When running the generator set, keep a distance of more than 1 meter from walls or obstacles that may damage or cause the generator set to overheat. Allow the generator set to cool in a space of at least 1 meter.

Refer to "Precautionary Guidelines for Safe Operation" and confirm with "Is the generator ready? For how to connect the load to the generator set please refer to "AC operation".

1. Leave the fuel valve in the "ON" position.



2. When starting the engine from a cold engine, pull the damper handle to the "CLOSE" position.

When restarting and warming up the engine, let the damper handle be in the "OPEN" position



3. Start the generator

Use electric start

Press the engine switch to the "STAR" position and keep it in that position until the engine start.

If the engine fails to start within 5 seconds, release the switch, wait for more than 10 seconds, and then start the second time.

NOTE: The generator set shouldn't start for more than 5 seconds each time, otherwise, the electric starter motor may overheat, or even damage the starter motor. When not in use, please press the engine switch to the "off" position.

Don't press the "on" position, causing the battery to drain.

Use recoil starter

- Press the engine switch to the "on" position.
- Gently pull up the starter handle until you feel resistance, then gently put it back, and pull it hard again.

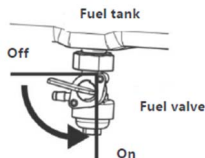
After the start is successful, reconfirm that the generator set and its circuit equipment are correct, connect the load, and then open the circuit breaker.

Don't let the starter handle spring back suddenly after starting, but put the handle back gently to protect the starter from damage

NOTE: Don't let the starter rope rub against the engine, or the rope will wear and tear.

4. If the throttle handle is in the "OFF" position when the engine is started after the engine warms up, slowly put the throttle handle in the "Open" position.

1. Press the air switch to the "off" position.
2. Press the unit switch to the "off" position.
3. Turn the fuel valve to the "off" position



Emergency handling

When an emergency happens and you don't know how to deal with it, you can press the unit switch button to the "OFF" position directly, to stop the generator set.

AC operation

1. Start the generator set.
2. Connect the electrical equipment, the power required by most motor devices exceeds the rated value when starting.
3. Connect the air switch to the "on" position.

When the operation of electrical equipment becomes abnormal, such as a slow response or sudden stop, please stop immediately. Remove the connection

between the electrical equipment and the generator set, and check whether it is a problem with the electrical equipment or because it exceeds the rated output of the generator set.

Large overloads will damage the generator set. Slight overloading also has the potential to reduce the life of the generator set.

Backup power

Connect to building electrical system

The generator set can be used as the power supply equipment for the building's electrical system. If the generator set is selected as the backup power supply of the industrial company, when connecting the generator set, an isolation switch must be installed to separate it from the building circuit. The installation must be carried out by a senior.

Some local laws require generator sets to be registered with the utility company, check local regulations for proper registration and operation.

Grounding system

The generator set has a grounding system that enables the frame assembly of the generator set to be connected to the ground terminal of the AC output socket. The grounding system isn't connected to the AC center line. If a socket circuit tester is used to test the generator set, the displayed ground circuit condition will be different from that of the household socket.

Special requirements

There may be some legal or local codes, ordinances, etc.

Regarding the use of generator sets. Please consult senior electricians, electrical inspectors, or relevant institutions familiar with the relevant authority.

- Some areas require generator sets to be registered with the local utility company.
- Additional regulations may apply if the generator set is used on a construction site.

MAINTENANCE&MALFUNCTIONS

The importance of maintenance

Good maintenance is a prerequisite for safe, economical, trouble-free operation and is also good to reduce pollution.

To help you properly maintain the generator set, the following content will contain the maintenance schedule, daily, Monitoring procedures, and simple maintenance procedures using basic tools, other more difficult maintenance jobs that require the use of special tools are best performed by professionals or technicians and other experienced mechanics.

The contents of the maintenance schedule apply only under normal operating conditions. If you operate the generator under special conditions; such as long-term high load or high-temperature operation or use in dusty areas, please consult the dealer for relevant opinions and suggestions suitable for your special situation.

Remember that the dealer knows the performance of the generator set very well and has the complete equipment to maintain and repair it.

To make sure the best quality and reliability, use new genuine YIHU parts or their equivalent for repair and replacement work.

Maintenance safety

Please follow the important safety precautions. Of course, we can't remind you of every potential danger in the maintenance process. You still need your judgment to decide whether to carry out.

NOTE: Failure to properly follow maintenance instructions and precautions could result in personal injury or death.

Always follow the maintenance procedures and precautions listed in this instruction manual.

Safety precaution

Make sure the engine is shut down before starting any maintenance or repair. This will help eliminate some potential dangers.

- a) Carbon monoxide poisoning of engine exhaust. When operating the engine group at any time, make sure that the ventilation state is well.
- b) Burning parts cause burns.
- c) Let the engine and exhaust system be allowed before contact.

d) Damage caused by operating parts.

- Read the relevant instructions before starting to ensure that you have the tools and techniques you need.
- To reduce the possibility of fire or explosion, please be careful when working with gasoline. Use non-combustible solutions to replace gasoline cleaning parts. Follow the fuel-related components away from the cigarette butt, spark, etc.

Daily maintenance period		Use every time	The first month or 20 hours	Every 3 months or 50 hours	Every 6 months or 100 hours	Every year or 300 hours
According to the instruction month that arrives first or Maintenance of running hours						
Engine oil	Check oil	●				
	Replace		●		●	
Air filter	Clean	●				
	Clean			●		
Sedimentation cup	Clean				●	
Spark plug	Check to adjust				●	
	Replace					●
Valve gap	Check to adjust					●
Burning room	Clean		Every 500 hours			
Fuel tank and filter	Clean					●
Fuel tank pipe	Check	●	Every 2 years(if necessary, please replace)			

Use in dusty areas, the maintenance frequency should be increased.

These tasks should be carried out by dealers unless you have suitable tools and good technology. Please refer to the maintenance manual for maintenance work.

When used for commercial purposes, record the number of hours of operation, to determine the time interval for maintenance.

Tool

There are spark plug sleeves with bundles with generator sets. Please use the equipment for maintenance. Using improper maintenance tools will cause damage to the generator set.

Power socket

In the same bundles of the generator crew, the power plug matches the number of sockets with the generator set.

Add fuel

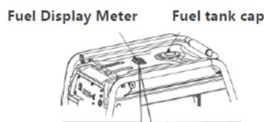
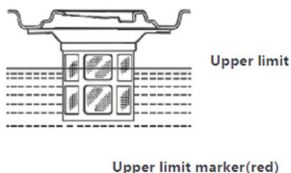
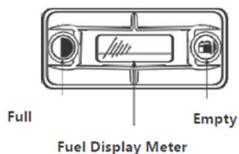
After the engine group is shut down, check the fuel display table. If the oil level in the fuel tank is too low, please add fuel.

NOTE: Gasoline is highly flammable and explosive. You may be burned or severely damaged when dealing with fuel.

Turn off the engine and stay away from high temperatures, sparks, and flames. You can only deal with fuel outdoors. Wipe off the overflowing fuel in time.

Fuel will corrode paint and plastic products. When you add fuel, please be careful not to spill oil. The damage caused by fuel leakage is not guaranteed. Infuse fuel in a well ventilated area before start-up. If the engine just stops, let it cool first. Try not to let the fuel overflow when refueling. The amount of refueling shouldn't exceed the fuel filter's upper limit oil level. Tighten the fuel tank cover after refueling. Don't refuel the generator indoors, gasoline and gas may be exposed to flames and sparks causing a fire. Keep it away from the electrical indicator, barbecue rack, electrical appliance, electric tool, etc.

The overflowing fuel is¹ not only a hidden fire hazard but also affects the environment. Please immediately dry the overflowing fuel.



Tighten the fuel tank cap after adding oil Fuel recommendation

Use 92#or above unleaded gasoline.

Don't use spoiled or polluted gasoline, or oil/gasoline mixture. The fuel tank should avoid pollution or humidity.

You can use conventional unparalleled gasoline with a volume ratio of not more than 10%or a methanol content ratio of not more than 5%. At the same time, methanol must contain help solvents and resistors.

The use of ethanol and methanol content ratio to the volume ratio of more than the above values may cause startup and performance problems. At the same time, it is possible to damage the metal, rubber, and plastic parts in the fuel system.

Due to the use of the volume ratio of ethanol and methanol content to more than the above-specified value of gasoline, engine damage or performance problems, are not in the scope of warranty.

If your generator set is not used or intermittently used, please refer to the fuel part of the custody chapter for more information about gasoline deterioration.

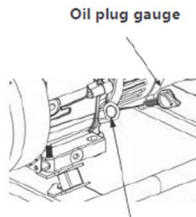
Engine oil level inspection

After the shutdown, check the oil level at the horizontal position.

1. Take out the oil level measurement ruler and wipe it clean.
2. After inserting completely, take it out to detect the oil level.
3. If the measured oil level is close to or lower than the oil level measurement of the oil level measuring ruler. Sprinkle the oil plug ruler, and add the

recommended oil to the label of the label.

4. Reinstall machine oil level measuring ruler.



When the oil level is lower than the minimum safety limit, the oil alarm system will automatically stop the engine. To avoid the inconvenience caused by accidents, please check the oil level regularly.

Electric engine oil replacement

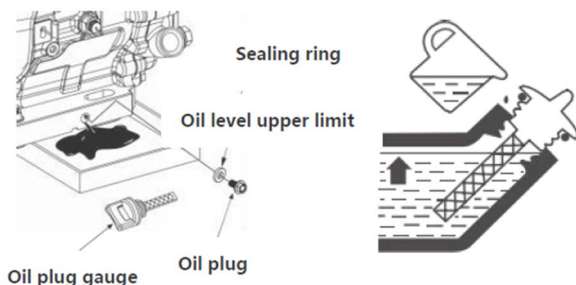
When the machine is heating, the oil is leaked by the oil to ensure fast, and it is completely exhausted to exhaust the oil.

1. Place the generator set on the wooden rack to ensure that there is space to place containers, and remove the oil plug ruler, oil leakage bolt, and sealing ring.
2. Rest the oil, then tighten the oil bolt again, put it on the new sealing ring and tighten.

NOTE: Pay attention to protecting the surrounding environment. We recommend that you put it in a sealed container and send it to the waste processing field. Don't throw the used oil in the garbage or fall on the ground, and pour it into the sewer.

3. Inject the recommended oil into the upper limit of the schedule of the oil stuffed ruler.
4. Tighten the oil plug ruler.

After processing the used oil that has been used, wash your hands with soap and water.



Electric engine oil recommendation

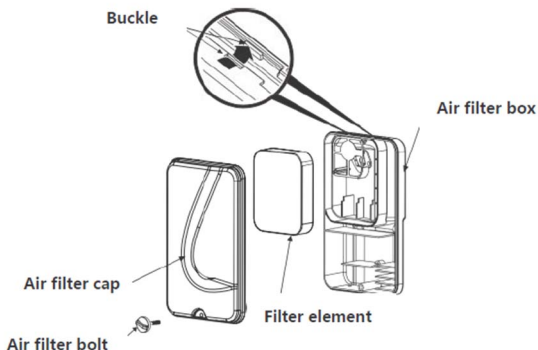
The oil is a major factor affecting the performance and service life of the engine.

Please use 4 rushing gasoline engine oils that meet or exceed the API classification of SE or a considerable level.

Please pay attention to checking the API classification label on the oil packaging to ensure that it has an SE or a very grade letter. It is recommended to use SAE10W-30 engine oil. When the local average temperature is within the recommended range, you can use other viscosity oil in the table.

Air filter maintenance

1. Remove the air filter.
2. Separate the buckle on the upper part of the filter cover, remove the air filter cover, and be careful not to damage the air filter cover.
3. Remove the filter element from the air filter box.
4. Check whether the air filter element is clean and in good condition.
5. If the air filter element is dirty, clean it, if the air filter element is damaged, replace it.
6. Reinstall the air filter element into the air filter.
7. Reinstall the air filter cover and install the air filter bolts. Confirm that the air filter bolts are tightened so that there is no gap between the upper cover and the lower cover.



NOTE: Running the generator set without the air filter element or the air filter element is damaged, dust will enter the engine, causing rapid wear and tear on the engine.

Cleaning of the air filter element spark plug maintenance

Dirty air filter elements can block air from entering the carburetor, reducing engine performance. If the generator set is used in a dusty area, the air filter element should be cleaned more frequently than specified in the maintenance schedule.

1. Clean the filter element with warm soapy water, rinse and dry, or wash the filter element with a non-flammable solution and dry it.
2. Dip the filter element into the clean engine oil, and squeeze out excess oil. If too much oil is left in the filter element, the engine will smoke when started.

Immerse

Squeeze, don't tighten

Oil

Squeeze, don't tighten



3. Wipe off the dust on the air filter seat and air filter cover with a damp cloth, and be careful not to let the dust enter the air pipe leading to the carburetor.

Fuel filter cleaning

1. Equipped with electric start type:
2. Turn the fuel valve to the OFF position, then remove the settling cup and O-ring, discarding the O-ring.
3. Install the settling cup in anon-flammable solvent and dry it completely.
4. Install the settling cup and new O-ring and fasten the settling cup.
5. Turn the fuel valve to the ON position, and make sure there is no fuel leakage.

NOTE:

Gasoline is highly flammable and explosive.

You could be burned or seriously injured while handling fuel. Shut off the engine and keep away from heat, sparks and flames. Fuel should only be handled outdoors.

Wipe up spilled fuel promptly

Spark plug maintenance

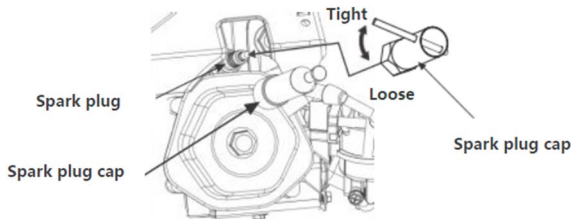
Spark plug recommendation: F7TC

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

NOTE: Incorrect spark plugs can cause engine damage.

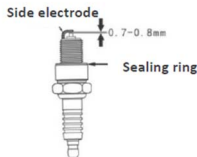
If the engine is hot, maintain the spark plugs after it cools down.

1. Remove the spark plug cap and clean the dirt around the spark plug.
2. Use a spark plug wrench to remove the spark plug.



3. Check spark plugs. Replace the spark plug if the electrode is worn or the ceramic is cracked, broken, or corroded.
4. Measuring the sparkplug electrode gap with a fee. If necessary, the side of the electrode can be bent to adjust the gap.

Spark Plug gap: 0.7-0.8mm



5. Make sure the spark plug seals are in good condition.
To prevent the threads from slipping, carefully reinstall the spark plug by hand.
6. After reinstalling the spark plug, tighten it with the spark plug sleeve.
If it is a used spark plug, tighten 1/8 -1/4 turn after the spark plug is tight.
If it is a new spark plug, give it another 1/2 turn after the spark plug is tight.

NOTE: If the spark plug is not tightened tightly, it will cause the engine to overheat and damage. If the spark plug is over-tightened, it will damage the thread of the cylinder head.

7. Install the spark plug cap.

Battery maintenance (only for an electric start)

When the engine is running, the power charging system of the generator set will charge the battery. However, if the generator set is only used periodically, the battery should be charged at least once a month to maintain battery life.

⚠ CAUTION!

Highly corrosive and toxic sulfuric acid (electrolyte) in batteries. Eyes or skin contact with electrolyte will cause severe burns.

When working near the battery, please wear protective clothing and eye protection. Keep batteries away from children.

Emergency methods

Eye-Flush with water from a cup or other container for at least 15 minutes (water under pressure can damage eyes), then seek immediate medical attention.

Skin-Remove clothing, flush skin with plenty of water, and seek medical attention

immediately.

Internal-Drink plenty of water or milk, then seek medical attention right away.

Storage preparation

Proper storage preparation is important to keep the generator set in trouble-free and good-looking condition. The following steps will help prevent rust and corrosion damage to the function and appearance of the generator set and allow easy starting of the generator set when it is returned to service.

Cleaning

Wipe the generator set with a damp cloth. After the generator set is dry, touch up the damaged paint and apply a thin film of oil to any areas that may have rusted.

Fuel

Gasoline will deteriorate and oxidize to varying degrees depending on the region in which you use your generator set. Even in as little as 30 days, gasoline can deteriorate and oxidize and cause damage to the carburetor or fuel system. Please consult the power dealer for the local storage method.

Gasoline oxidizes and deteriorates in storage, and old gasoline can cause starting difficulties and leave gum deposits that clog the fuel system. If the gasoline in your generator set has deteriorated in storage, you may need to have your carburetor and fuel system components repaired and replaced.

The amount of time gasoline can remain in the fuel tank and carburetor without causing performance issues will vary based on factors, such as gasoline blend, storage temperature, and whether the fuel tank is filled. Air in a partially filled fuel tank can accelerate fuel deterioration. Also, high storage temperatures will accelerate fuel deterioration. Fuel can deteriorate in a matter of months if not enough gasoline is filled into the fuel tank.

Drain the gasoline from the fuel tank and carburetor.

NOTE:

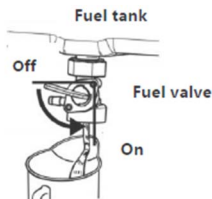
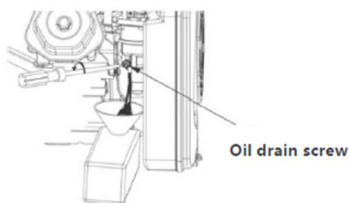
Gasoline is highly flammable and explosive.

You could be burned or seriously injured while handling fuel.

Fuel should only be handled outdoors. Wipe up spilled fuel promptly.

Storage

1. Check whether the fuel valve is closed.
2. Place a suitable gasoline container under the carburetor and use a funnel to prevent gasoline from spilling.
3. Lose the oil drain screw of the carburetor and drain the gasoline in the carburetor.
4. After draining the petrol into the container, tighten the drain screw.



5. Place a suitable gasoline container under the settling cup and use a funnel to prevent gasoline from spilling.
6. Remove the sediment cup and turn the fuel valve handle to the ON position.
7. Drain the gasoline completely, and then put the sedimentation cup back.

Engine oil

1. Replace the engine oil
2. Remove the spark plug.
3. Add a tablespoon of clean motor oil to the cylinder.
4. Pull the starter rope several times to evenly distribute the oil in the cylinder.
5. Reinstall the spark plug.
6. Gently pull up the starter handle until resistance is felt. At this point, the piston is in the compression stroke and both the intake and exhaust valves are closed. Storing the engine in this state can help prevent internal corrosion. Then gently release the starter handle.

Precautions for storage

If your generator was stored with gasoline in the fuel tank and carburetor, be careful to avoid the risk of ignition of gasoline vapors.

Choose equipment that is well-ventilated and away from fire-related equipment. Store generator sets in places where furnaces, water heaters, or clothes dryers work, and avoid places where spark-point motors or power tools are operated. If possible, avoid damp storage areas, because damp conditions are prone to rust and corrosion.

Unless all the fuel in the fuel tank is drained, be sure to set the fuel valve to "off" to reduce the possibility of fuel leakage.

Place the generator set on a level surface. Sloped surfaces can cause fuel or oil spills.

After the engine and exhaust system have cooled down, cover the generator set to keep out dust. If the engine and exhaust system are hot, some materials may ignite or melt.

Don't use plastic sheeting as a dust cover. Non-porous covers allow moisture around the generator set, which promotes rust and corrosion.

Remove use

Inspect the generator as described in the "Before Operation" chapter of this manual.

If fuel was drained during storage, fill the tank with new gasoline. If you have stored spare gasoline in a container, make sure that the gasoline is not spoiled.

Gasoline will be oxidized and spoiled for a long time, which will cause difficulty in starting.

If the cylinder was stored with oil on it, the engine may smoke slightly when restarted, this is normal.

Transportation

If the generator set has been run before transport, allow the generator to cool for at least 15 minutes before loading the generator set on the transport vehicle. If the engine and exhaust system are hot, people may be burned or certain fuels may be ignited.

Keep the generator set in a horizontal state during transportation to reduce the possibility of fuel leakage, and put the fuel valve in the OFF position.

When bundling the generator set with ropes or tie straps during transportation, be careful to use only frame iron rods as the binding point. Do not tie cords or straps to any part of the generator body.

Unexpected problem handling

The engine doesn't start

Possible reason	Correct
The fuel valve handle is in the OFF position	Rotate the fuel valve handle to the ON position
The choke is in the OPEN state	Unless the engine is hot Otherwise put the damper handle in the CLOSED state
The engine switch is in the OFF position	Engine switch to ON position
Run out of fuel	Add fuel
Fuel deterioration: The fuel was not treated or the generator set was stored Gasoline drained or refueled with spoiled gasoline	Drain the fuel from the fuel tank and carburetor refill with new fuel
The oil level is too low, causing the oil alarm to operate to stop the engine	Turn the engine switch to the OFF position to restart the generator
Faulty, clogged, or improperly spaced spark plugs	Adjust the gap or replace the spark plug
Wet spark plugs with fuel (flooded engine)	Dry the spark plugs and reinstall them
Fuel filter failure; carburetor failure; ignition failure; fuel valve blockage, etc.	Take the generator set to the Kuga Power dealer or refer to the service manual

Underpowered engine

Possible reason	Correct
Air filter element clogged	Clean or replace the air filter
Fuel deterioration: The fuel was not treated or refueled when the generator set was stored. Spoiled gasoline was added to the oil.	Drain the fuel from the fuel tank and carburetor refill with new fuel
Fuel filter failure; carburetor failure; ignition failure; fuel valve blockage, etc.	Take the generator set to a Kuga Power dealer or refer to the service manual.

Voltage line socket

Possible reason	Correct
The circuit breaker is still in the OFF position after starting	Turn on the air switch to the ON position
The circuit breaker is still in the OFF position after starting	Disconnect running equipment and temporarily stop the engine. Make sure to disconnect all equipment and close the circuit breaker before starting, and then restart the generator set. If there is still a short circuit in the generator set, send the generator set to the Escape Power dealer.
Generator failure	Replace or repair faulty components as appropriate
Overload protection	Restart gen set
Short circuit protection	Check whether the load is short-circuited, and restart the generator set after confirming that the load is normal.



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