

OWNER'S MANUAL
FOR GAS-GENERATOR SET

This generator mainly supplies electricity energy for traveling and lodging outdoors etc., using the a gasoline engine manufactured by our copany as its power.

It has many types for your choice, such as 110V/60Hz.

Before operating this set, *be sure* to read this manual to understand how to correctly operate it.

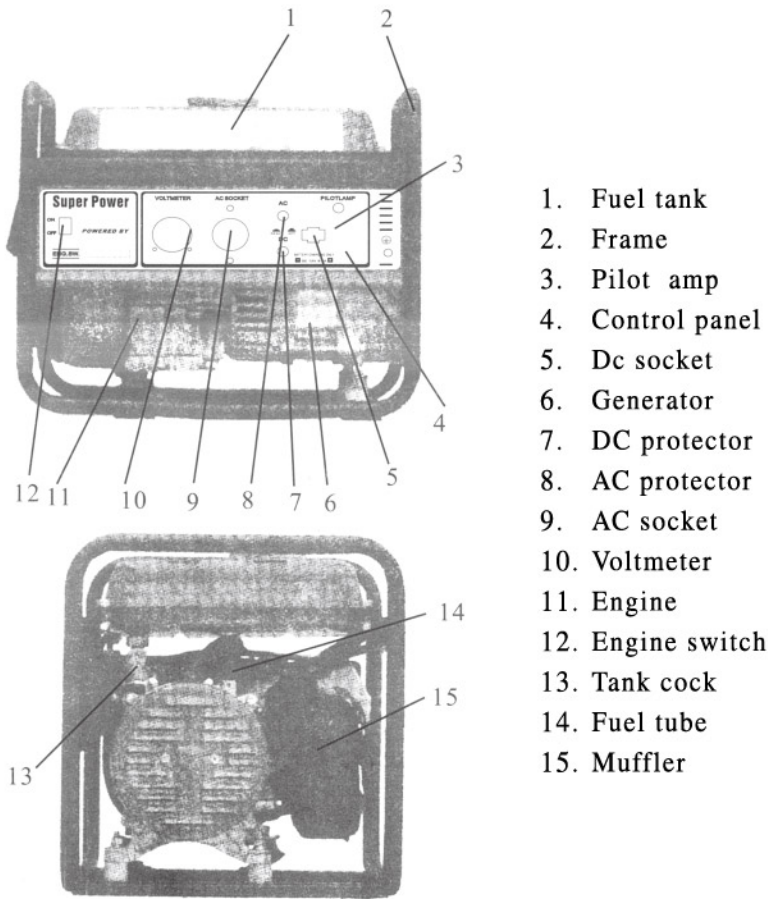
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SAFE USE

- Avoid operating the set before correctly reading this manual!
- Do not run this set indoor or anywhere the ventilation is poor!
- Drain out the fuel from the tank and the caburetor if the set is not in use for a long time or is transported on the road!
- Stop the set and no smoking while refueling. If the fuel spilt out, wipe up immediately!
- Do not unreasonably adjust the engine speed!
- Avoid touching the set with wet hands while it is running!
- Never operate the set in the rain or snow!
- Keep away from the fire and heat when the set is running or storied!
- Don't connect the set to commercial power outlet, and don't connect one set to another one!
- Before starting.do not connect electric apparatus. After the set is running,turn the engine speed control lever to the position “FAST” and do not insert the plug into socket until the set is stable!
- The set must be stored in the dry and neat environment, and keep away from the flammable substance and explosion!

COMPONENT NAMES



- 1. Fuel tank
- 2. Frame
- 3. Pilot amp
- 4. Control panel
- 5. Dc socket
- 6. Generator
- 7. DC protector
- 8. AC protector
- 9. AC socket
- 10. Voltmeter
- 11. Engine
- 12. Engine switch
- 13. Tank cock
- 14. Fuel tube
- 15. Muffler

PRE-OPERATION INSPECTION

WARNING! Before running, be sure to check the following, or the set and the apparatus could be damaged!

Engine inspection

- Inspect according to the “Pre-operation inspection” in “Owner's manual for” A gas-engine” .

Tank inspection

- Is there gasoline in the tank?
- If there is no, fill about 5L gasoline into the tank.
- Leave 2~3 cm of space to the top of the tank.

Apparatus plug inspection

- Has the plug been put into the AC socket?
- Be sure to pull off the plug before running.

Generator inspection

- Have all bolts of the generator connected to the engine been tight?
- If some of them have been loose,please fasten them.

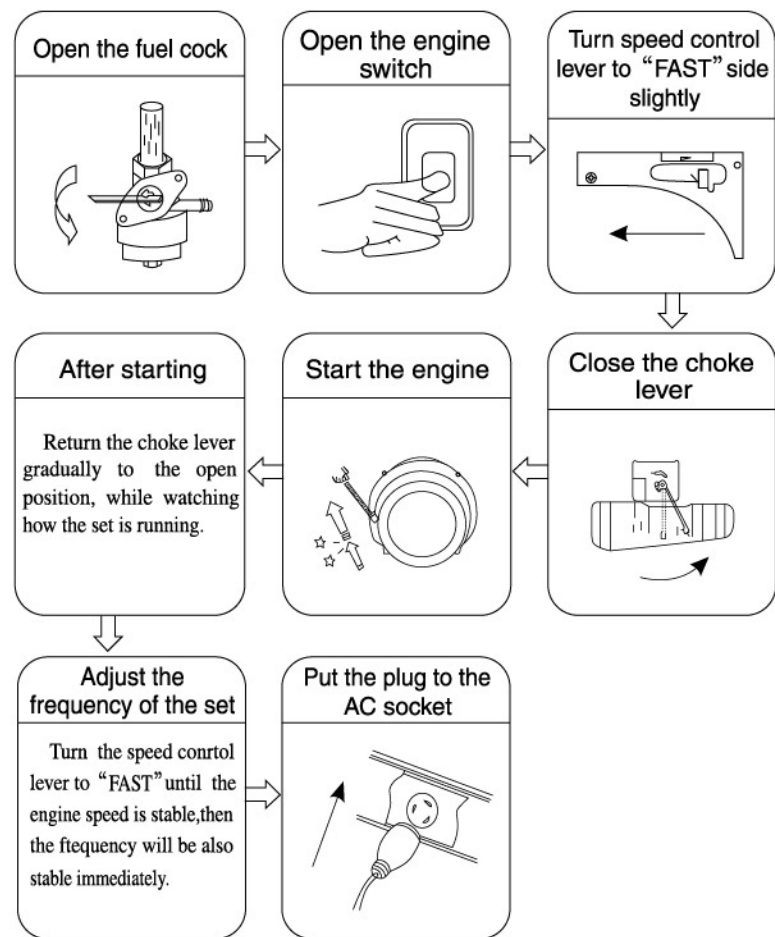
Appartus power inspection

- The power of the apparatus should not exceed the output of the set, or the set could be damaged!

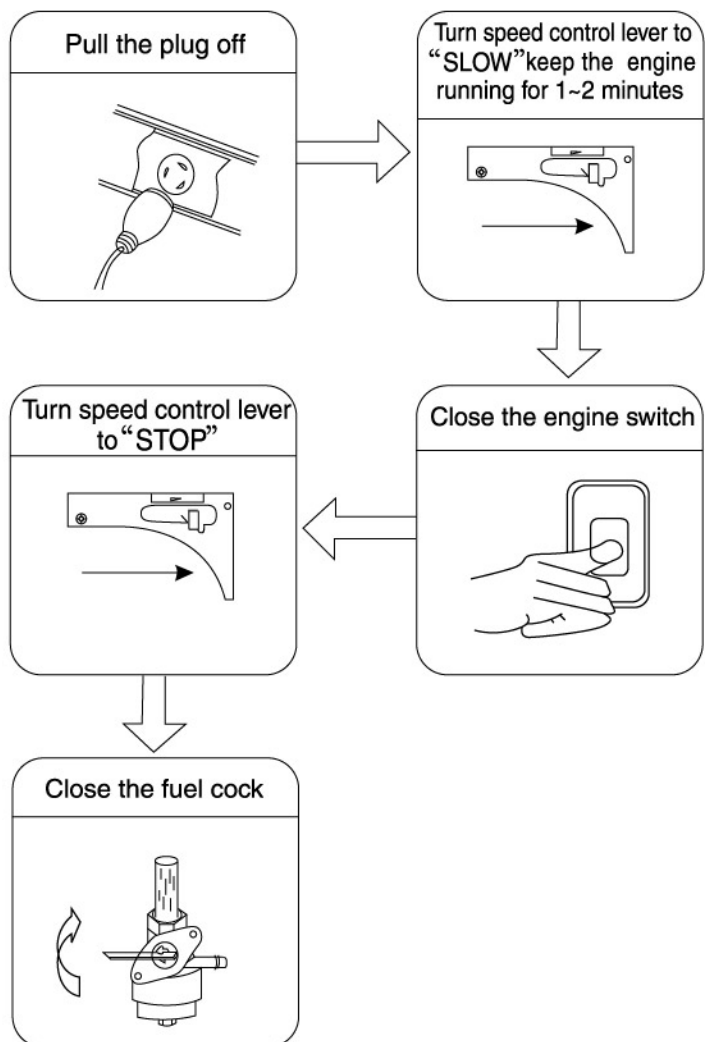
STARTING PROCEDURE

- Before starting, please inspect according to the chapters of “SAFE USE” and “PRE-OPERATION INSPECTION” ,then do as the following!

FAST



STARTING PROCEDURE

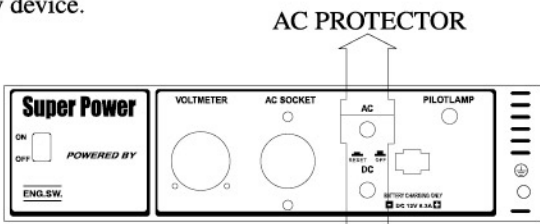


AC PROTECTOR

- The set has safety device.

RESET

OFF



DC PROTECTOR

- The protector switch can bounce up to cut off the output when the apparatus power exceeds the rated power of the set.
- If the set output has been cut off, please reduce the load within rated output, then press the switch to the position“reset”, the set will continue to work.

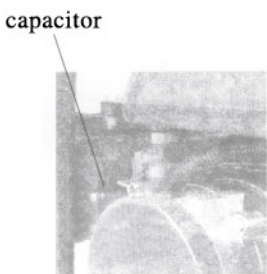
TROUBLES AND MAINTENANCE

1. The set won't start favorably

Please inspect according to the relevant chapter in “Owner's manual for A gas-engine”

2. Voltage is unusual

If the fluctuation rate of the out-voltage exceeds 10%, please take off the control panel, then change the capacitor.(You may search for helping from the distributor.)

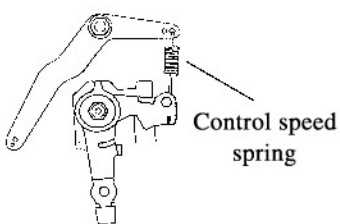


3. Frequency is much higher or lower

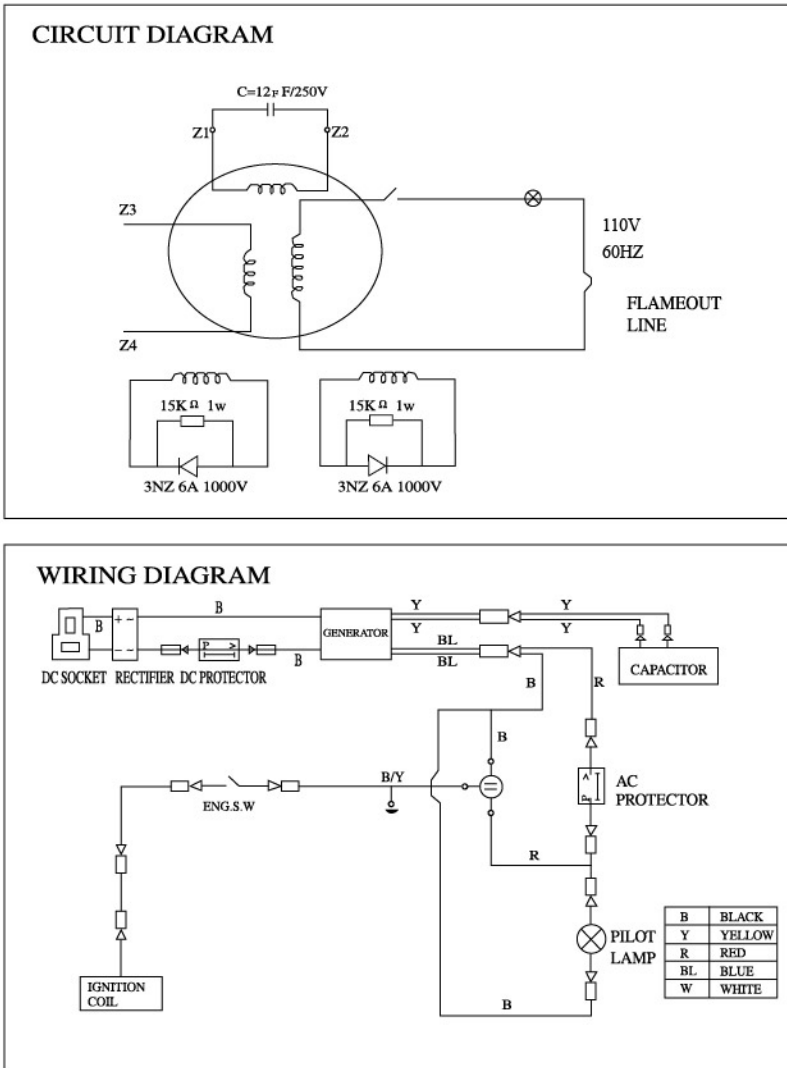
Turn speed control lever to the position “FAST”, then take the “portable” speed-meter near the high-pressure-line, and adjust the engine speed control bolt with the hand-screwdriver at the same time, until the indicating amount is within 3600rpm for the 60Hz set

4. The frequency fluctuation rate is much higher

After the set has worked for some times, if you find the frequency is not stable, please ask the distributor for help to change the speed control spring.



CIRCUIT DIAGRAM AND WIRIN DIAGRAM



TECHNICAL DATA

GASOLINE GENERATOR	
Rated power output:	1000W
Max power output:	1100W
Output type:	Single phase
Starting method:	Recoil start
Noise level (at 7m):	63dB
Coil winding:	Aluminum coil
Speed:	3600RPM
Rated voltage:	110V
Frequency:	60Hz
The Engine	
Model:	FJDGS.0795GC
Type:	Single cylinder,4-stroke,air cooled
Displacement:	80cc
Max output:	3.0HP
Fuel:	Gasoline
Fuel tank:	5L
Lubricating oil volume:	0.4L
Continuous working time:	5 Hours

GASOLINE GENERATOR MAINTENANCE METHODS

New generator or sequestration of the generator after break-in (first 50 hours), to make the following maintenance work:
Clean or replace the air filter
Replace the engine oil
Replace or clean lubricating oil filter cartridge
Each part of the bolt and nut tightening up again

The new generator should try to avoid the sudden increase load or high speed.As far as possible use manufacturers recommend using lubricating oil,Different type of oil do not mix,the lubricating oil Contains a variety of additives , Mixes different type of lubricating oil can make the lubrication performance degradation, leading to the moving parts of abnormal wear.

When refuel the fuel tank ,should be use fuel inlet filter , put the filter cloth will be better; the fuel in the tank should standing for more than 24 hours firstly, after water and impurities precipitate then use; usually the excretion plug of the fuel tank should always be open daily to discharge the water and sediment.
Preventive maintenance and planned maintenance is the key to prolong the service life of the engine,Maintenance cycle and maintenance items according to the purpose, use status and make proper adjustment of the characteristics of fuel oil, lubricating oil, when it is necessary to advance for maintenance, as far as possible by professional and technical personneho complete the regular overhaul and maintenance.

High quality imported generator sets are often valuable, reasonable use, pay attention to daily maintenance, prevent early wear, prolong service life, to maintain its rapid start up and put good stand-by state.