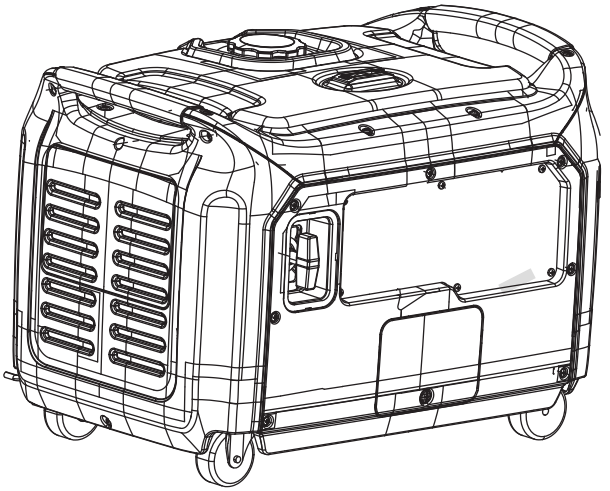
INVERTER GENERATOR

Owner's Manual



SAVE THIS MANUAL FOR FUTURE REFERENCE

IMPORTANT SAFETY INSTRUCTIONS ARE INCLUDED IN THIS MANUAL

TABLE OF CONTENTS

SAFETY INSTRUCTIONS AND WARNINGS 4
CONTROLS AND FEATURES 7
2.1 GENERATOR 7
2.2 CONTROL PANEL. 7
2.3 CONTROL FUNCTION 8
2.4 RESETTING OVERLOAD CONDITION 10
GETTING STARTED 11
3.1 UNPACKING THE GENERATOR 11
3.2 ADDING ENGINE OIL 11
3.3 ADDING FUEL 12
3.4 STARTING THE ENGINE 13
3.5 STOPPING THE ENGINE 14
ELECTRIC CONNECTION 15
4.1 CAPACITY 15
4.2 CONNECTING ELECTRICAL LOADS 16
4.3 WATTAGE REFERENCE GUIDE 16
4.4 BATTERY CHARGING 17
MAINTENANCE 18
5.1 PERIODIC MAINTENANCE 18
5.2 SPARK PLUG MAINTENANCE 19
5.3 ENGINE OIL REPLACEMENT 20
5.4 AIR FILTER MAINTENANCE 21
STORAGE 22
6.1 SHORT TERM STORAGE OF THE GENERATOR 22
6.2 LONG TERM STORAGE OF THE GENERATOR 22
TROUBLESHOOTING AND 23
7.1 TROUBLESHOOTING DIAGRAM 23
7.2 FUEL FILTER MAINTENANCE 24
SPECIFICATIONS 25
WARRANTY 26

SAFETY INSTRUCTIONS AND WARNINGS

IMPORANT MANUAL INFORMATION

Important information is distinguished in this manual by the following notes.

Symbol Usage

This manual contains important information that you need to know and understand in order to assure YOUR SAFETY and PROPER OPERATION OF EQUIPMENT. The following symbols help you recognize this information.
Please read the manual and pay attention to these sections.



WARNING indicate a certainty or strong possibility of personal injury or death if instructions are not followed.

NOTICE

NOTICE indicates a possibility damage to the products if instructions are not followed properly.

TIPS

TIPS give helpful information.



Please read and understand this manual completely before operating the machine.

SAFETY INSTRUCTIONS AND WARNINGS

SAFETY INFORMATION

FUEL IS HIGHLY FLAMABLE AND POISONOUS

- Always turn off the engine when refueling.
- Never refuel while smoking or in the vicinity of an open flame.
- Take care not to spill any fuel on the engine or muffler when refueling.
- If you swallow any fuel, inhale fuel vapor, or allow any to get in your eye(s), see your doctor immediately. If any fuel spills on your skin or clothing, immediately wash with soap and water and change your clothes.
- When operating or transporting the generator, be sure it is kept upright. If it tilts, fuel may leak from the carburetor or fuel tank.

EXHAUST FUMES ARE POISONOUS

- Never operate this product in a closed area or it may cause unconsciousness and death within a short time. Always operate this product in a well ventilated outdoor area.

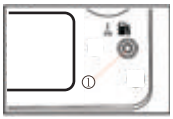
ENGINE AND GENERATOR MAY BE HOT

- When operating the generator, place in a safe area away from pedestrians or children.
- Avoid placing any flammable materials near the exhaust outlet during operating.
- Keep the generator at least 3Ft. (1m) from buildings or other equipment, or the product may overheat.
- Do not operate the product with a dust cover, or other objects covering it.
- When covering the generator, be sure to do so only after the engine and muffler have completely cooled down.
- Be sure to carry the generator only by its carrying handles.
- Do not place any obstacles on the generator.

TO PREVENT ELECTRIC SHOCK

- Never operate the product in rain or snow.
- Never touch the generator with wet hands, or, electrical shock can occur.

GROUNDING



Properly ground generator to prevent electric shock.
Connect the ground terminal of the generator to the ground electrode buried in the ground.

WARNING NOTES

Failure to properly ground the generator can result in electric shock.
Be sure to always comply with electric loads.

SAFETY INSTRUCTIONS AND WARNINGS

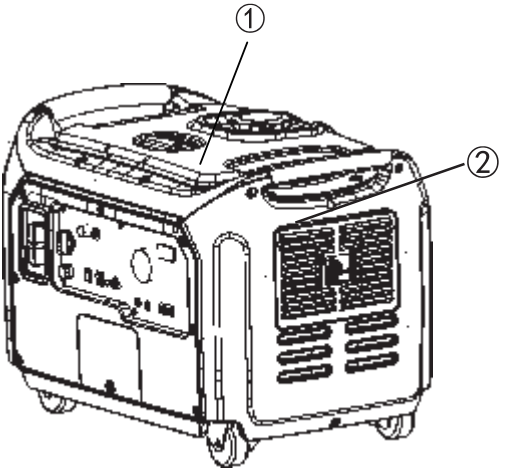
SAFETY INFORMATION

DANGER

Always use proper approved electrical cords. Besure to comply with all electric codes.
Do not use electrical cords that are worn or damaged.
Always use GFCI (ground fault circuit interuptor) for damp locations.
Always use proper approved transfer switch to isolate generator from the elecric panel.

LOCATION OF IMPORTANT LABELS

Please read the following labels carefully before operating this product.



①

⚠DANGER

Using an engine indoors CAN KILL YOU IN MINUTES. Engine exhaust contains carbon monoxide. This is a poison you cannot see or smell.



NEVER use inside a home or garage, EVEN IF door and windows are open.



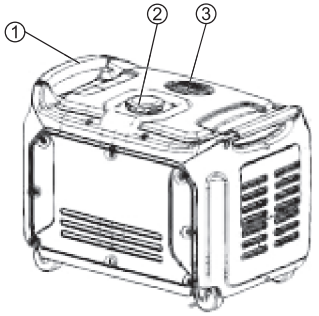
Only use OUTSIDE and far away from windows, doors, and vents.

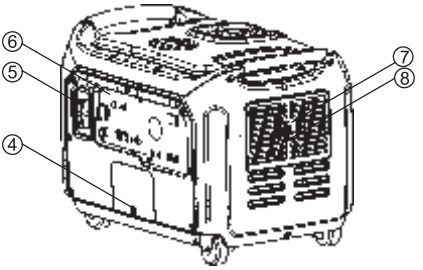
②



CONTROLS AND FEATURES

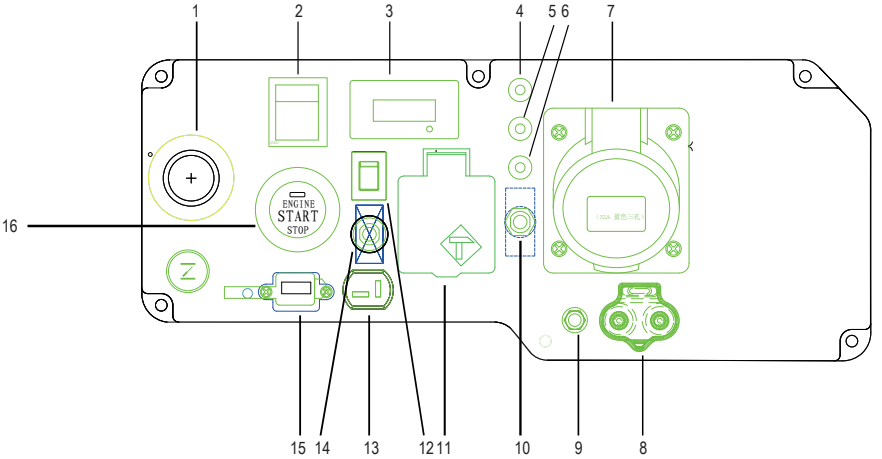
2.1 GENERATOR





1. Carrying Handle
2. Fuel Tank Cap
3. Fuel Gauge
4. Oil Filler Cap
5. Recoil Starter
6. Control Panel
7. Muffler
8. Exhaust and Spark Arrestor

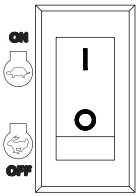
2.2 CONTROL PANEL



1.Fuel Valve
2.Engine Switch
3.V.Hz.H
4.OUT PUT INDICATOR
5.OVER LOAD ALARM
6.LOW OIL ALERT
7.AC 230V
8.PARALLEL OPERATION OUTLETS
9.Grounding terminal
10.CIRCUIT PROTECTOR
11.AC 230V
12.LOW IDLE
13.DC 12V
14.CIRCUIT PROTECTOR
15.DC 5V USB
16.One button start

CONTROLS AND FEATURES

2.3 CONTROL FUNCTIONS



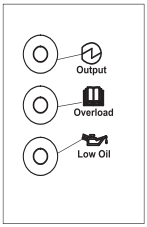
LOW IDLE

When the LOW IDLE Switch is in the “ON” position, the throttle controls the engine speed according to the connected electrical load. The results are better fuel consumption and less noise. When the switch is in the “OFF” position, the engine runs at 4,500 RPM regardless of the electrical load.



NOTE

The Throttle must be “OFF” when using electrical devices that require a large starting current, such as a compressor, pump, or refrigerator.



LED INDICATORS

The LED indicators assist in communicating status and functctions of the Unit.

OUTPUT INDICATORS (GREEN)

The Output Indicator comes on when the engine starts and produces power.

OVERLOAD ALARM (RED)

The Overload Alarm comes on when a connected device requires more power than the generator is able to produce.

The Output Indicator (Green) will go off and the Overload Alarm (Red) will stay on, but the engine will continue to run.

CAUTION: Do not overload the generator when overload light appears.

LOW OIL ALARM (RED)

When the engine oil falls below the required level, the Low Oil Alarm will come on and the engine will stop automatically. The engine will not restart until oil is added to the unit to bring it up to the appropriate level.



Note:

The Overload Alarm may come on for a few seconds when first using electrical devices that require a large starting current, such as a compressor, pump, or refrigerator. This is normal and not a malfunction.

CONTROLS AND FEATURES

2.3 CONTROL FUNCTIONS (CONTINUED)



NOTE

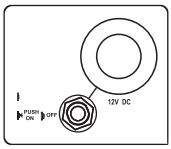
When starting the unit, if the Low Oil Alarm light flickers and the engine will not start, you will need to add engine oil before attempting to restart the engine.



NOTE

Generator should only be operated on a level surface. DO NOT operate the generator on loose ground or obvious inclines. The low oil shutdown feature may be prematurely activated in these cases causing the engine to not start.

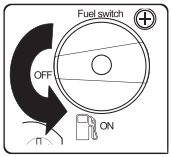
12V 8.3A DC



The 12V 8.3A DC Output is provided for battery charging. Follow instructions in the owner's manual for the battery charging procedures.

9A DC Circuit Breaker

The 9 A DC Circuit Breaker turns off automatically if the current exceeds 9A. If the circuit breaker turns "OFF" you will need to push it in to turn it "ON" again.

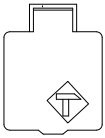


Fuel Valve

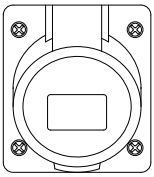
Turn fuel valve to "on" position before starting generator
Turn fuel valve to "off" position when you stop using generator

CONTROLS AND FEATURES

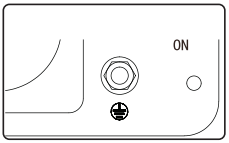
2.3 CONTROL FUNCTIONS (CONTINUED)



230V AC Outlet
The Outlet is used to power 230V Single Phase 50Hz loads requiring up to 3500W continuous power.



230V AC Outlet
The Outlet is used to power 230V Single Phase 50Hz loads requiring up to 3500W continuous power.



Ground Terminal
Properly ground generator to prevent electrical shock. Connect the ground terminal of generator to ground electrode buried in the ground.

2.4 RESETTING OVERLOAD CONDITION

We can provide ONE PUSH RESET function for optional,you just push “reset” button when overload,if your generator does not have this function,reference as below:

1. Turn off any connected electrical devices and stop the engine.
2. Reduce the total wattage of connected electric devices within the rated output.
3. Use in proper ventilated areas. Maintain at least 3Ft. of clearance on all sides for adequate cooling.
4. After checking, restart the engine.

GETTING STARTED

3.1 UNPACK THE GENERATOR

Remove the generator from its packaging.

WARNING!
DO NOT ATTEMPT TO ADD FUEL TO THIS UNIT BEFORE REMOVING IT FROM PACKAGING.

Check to Ensure that You Received the Following Items:

Inverter Generator
12V Charging Cables
Plug
Oil Funnel

3.2 ADDING ENGINE OIL

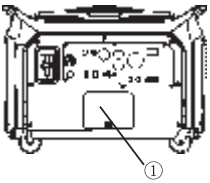


Figure 1

The generator has been shipped without engine oil.
DO NOT add fuel or start the engine before adding engine oil.
IN ORDER TO ADD ENINGE OIL, YOU WILL NEED TO REMOVE THE SIDE PANEL FROM THE UNIT (Figure 1).
Using a #2 Philips-Head screwdriver to loose screw and remove the side panel ①.

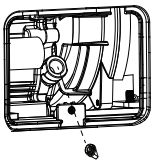


Figure 2

PLACE THE GENERATOR ON A LEVEL SURFACE.
DO NOT tilt the generator while adding oil. It can cause you to overfill the oil and/or cause the oil to leak into areas in which it is not intended.
Remove the oil plug ② (see Figure 2)

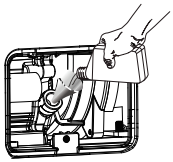


Figure 3

Using the funnel (supplied) to fill with 0.63qt.(0.6L) of SAE 10W-30 or 10W-40 (see Figure 3). See Figure 4 for proper oil level.



Figure 4

Recommended Engine Oil:
A. YAMALUBE 4 (10W-40), SAE 10W-30 or 10W-40
B. SAE #30 C. SAE #30 D. SAE #10W

Recommended Engine Oil Grade:
API Service SE type or higher

Engine Oil Quantity: 0.63qt.(0.6L)

3.3 ADDING FUEL

The fuel capacity is 3.5 gal.(13.2L).

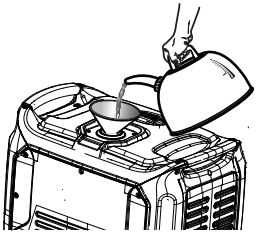
DO NOT overfill the tank, otherwise, it may overflow when the fuel warms up and expands.



NOTE

For safety reasons, once fuel has been added to this unit, it cannot be returned to the place of purchase.

1. Use clean, fresh, regular unleaded fuel with a minimum octane rating of 85.
2. DO NOT mix oil with fuel.
3. Clean area around the fuel cap.
4. Be sure that the fuel strainer is in place.
5. Slowly add fuel to the tank.
6. Do not exceed the red marker position of the fuel filter.
7. Screw on the fuel cap and wipe away the spilled fuel.



NOTE: Use only unleaded gasoline.

The use of leaded gasoline will cause severe damage to internal engine parts.

After filling fuel, make sure the fuel tank cap is tightened securely.

STARTING YOUR GENERATOR

Before starting the generator:

1. Verify that the generator is outside on a dry, level surface. Allow at least two feet of clearance on all sides of the generator.

2. To maximize safety, check that the generator is properly grounded (see “GROUND THE GENERATOR”).

3. Check there is sufficient level of oil in the crankcase. Add oil if necessary (see “ADD/CHECK OIL”).

4. Make sure there is sufficient level of gasoline in the fuel tank. Add fuel if necessary (see “ADD/CHECK FUEL”).

5. Make sure all electrical devices are unplugged from the generator during ignition. Otherwise it will be difficult for the engine to start.

To start the generator, perform the following steps:

1. Turn the LOW IDLE MODE switch to “OFF”.

2. Turn the FUEL switch to the “ON” position.

Electric Start:

1. Pull the CHOKE LEVER out to the “START” position.
NOTE: Skip this if starting the generator with a warm engine.

2. Turn the ENGINE switch to the “START” position and hold on for 5 seconds.
NOTE: If the engine does not start, release the switch and try again. Keeping the switch in the START position too long can damage the starter.

3. When engine starts, push the CHOKE LEVER in to the “RUN” position.

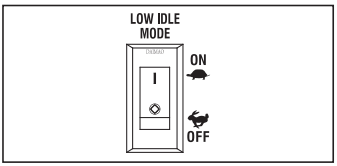
Manual Start:

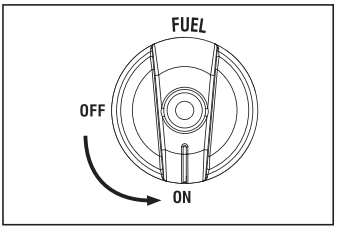
1. Pull the CHOKE LEVER out to the “START” position.
NOTE: Skip this if starting the generator with a warm engine.

2. Turn the ENGINE switch to the “ON” position.

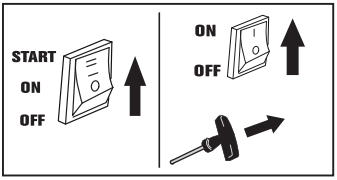
3. Place one hand on the generator to hold it in place, and pull on the recoil starter handle slowly until a slight resistance is felt . Then pull quickly to start the engine. Return cord gently into the machine. Never allow the cord to snap back.

4. When engine starts, push the CHOKE LEVER in to the “RUN” position.









STARTING YOUR GENERATOR

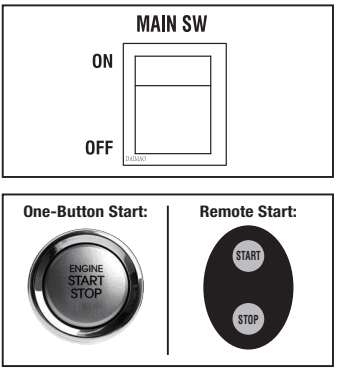
One-Button Start (OPTIONAL):
1. Turn the MAIN switch to the "ON" position.

2. Hold down the ENGINE START/STOP switch for 3 seconds.
NOTE: If the engine does not start, release the switch and try again. Keeping the switch in the START position too long can damage the starter.

Remote Start (OPTIONAL):
1. Turn the MAIN switch to the "ON" position.

2. Hold down the REMOTE START switch for 3 seconds.

NOTE: If the engine does not start, release the switch and try again. Keeping the switch in the START position too long can damage the starter.



NOTE: If you have repeated failed attempts to start the engine, please consult the troubleshooting guide.

5. Allow the generator to run for several minutes before attempting to connect any electrical devices. This allows the generator to stabilize its speed and temperature.

SHUTTING OFF THE GENERATOR

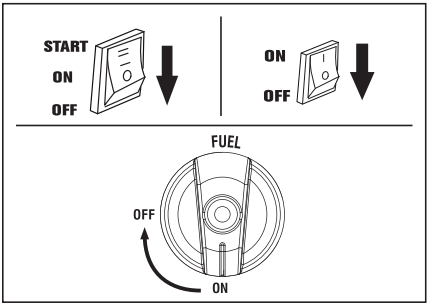
⚠ **CAUTION:** Unplugging running devices can cause damage to the generator. Never stop the engine with electrical devices connected and running.

1. Turn off all electrical devices prior to unplugging them from the generator. Unplugging running devices can cause damage to the generator.

2. Allow generator to run at no load for a few minutes to stabilize internal temperatures.

3. Turn the ENGINE switch to the "OFF" position.

4. Turn the FUEL switch to the "OFF" position.



⚠ **WARNING:** Allow the generator to cool down before touching areas that become hot during use.

CAUTION: Allowing gasoline to sit in the fuel tank for long periods of time can make it difficult to start the generator in the future. NEVER store the generator for extended periods of time (over 2 months) with fuel in the fuel tank. Refer to "STORING THE GENERATOR".

ELECTRICAL CONNECTION

4.1 CAPACITY

Follow these simple steps to calculate the running and starting watts necessary for your purposes.

See Section 4.3 for WATTAGE REFERENCE GUIDE.

1. Select the electrical devices you plan on running at the same time.
2. Total the running watts of these items. This is the amount of power you need to keep your items running.
3. Identify the highest starting wattage of all devices identified in step 1
   A. Add the number to the number calculated in Step 2.
   B. Surge wattage is the extra burst of power needed to start some electric driven equipment. Following the steps listed under “Power Management” will guarantee that only one device will be starting at a time.
   C. Use the following formula to convert voltage and amperage to watts:

      Volts x Amps = Watts

TO PROLONG THE LIFE OF YOUR GENERATOR AND ATTACHED DEVICES, FOLLOW THESE STEPS TO ADD ELECTRICAL LOAD:

1. Start the generator with no electrical load attached.
2. Allow the engine to run for several minutes to stabilize.
3. Plug in and turn on the first item. It is best to attach the item with the largest load first.
4. Allow the engine to stabilize.
5. Plug in and turn on the next item.
6. Allow the engine to stabilize.
7. Repeat Step 5 and Step 6 for each additional.

4.2 CONNECTING ELECTRICAL LOADS

1. Let the engine stabilize and warm up a few minutes after starting.
2. Prior to powering tools and equipment, make sure the generator rated voltage, and amperage capacity is adequate to supply all electrical loads that the unit will power. If powering exceeds the generator capacity, it may be necessary to group one or more of the tools and/or equipment for connection to a separate generator.
3. Once the generator is running, simply connect the power cords of 120 Volt AC powered tools and equipment into the 120 Volt AC outlet and/or the power cord of a 12V DC powered tool to the DC terminals.

ELECTRICAL CONNECTION

4.2 CONNECTING ELECTRICAL LOADS (CONTINUED)

4. DO NOT connect 3-phase loads to the generator.
5. DO NOT connect 50HZ loads to the generator.
6. DO NOT overload the generator.



NOTE

The DC terminals may be used for charging 12 Volt automotive type batteries only.

4.3 WATTAGE REFERENCE GUIDE

Item	Running Watts	Starting Watts
Essentials		
Light Bulb	100	100
Refrigerator/Freezer	1200	2400
Sump Pump	600	1800
Well Pump 1HP	2000	4000
Water Heater	4000	
Security System	180	
AM/FM Radio	300	
Garage Door Opener ½ HP	500	600
Battery Charger 12V	110	
Heating and Cooling		
Air Conditioner 12000 BTU	1700	2500
Fan	300	600
Furnace Fan 1/3 HP	1200	2000
Home Appliances		
Microwave	1000	
Electric Range – One Element	1500	
Electric Skillet	1250	
Coffee Maker	1500	
Clothes Washer	1200	
Entertainment		
CD/DVD Player	100	
Stereo Receiver	450	
Television 27"	500	
PC with 15" Monitor	800	
Job Site		
Belt Sander 3"	1000	1500
Bench Grinder 6"	700	1500
Circular Saw	1500	1500
Compressor 1 ½ HP	1000	1000
Edge Trimmer	500	500
Hand Drill ½"	1000	1000
Paint Sprayer	600	1200
Table Saw	2000	2000

For reference Only. Check your tool or appliance requirements. The wattage for exact wattages listed is based on estimated wattage requirements.

For exact wattages, check the data plate or owner's annual on the item you wish to power when you use the generator.

Operating voltage and frequency requirement of all electronic equipment should be checked prior to plugging into this generator. Damage may result if the equipment is not designed to operate within a +/-10% voltage variation, and +/-3 Hz frequency variation from the generator specification ratings.

YOUR POWER NEEDS

Tool or Appliance	Running Watts	Starting Watts
1.		
2.		
3.		
4.		
5.		
Total Running Watts		
	Highest Starting Watts	

Total Running Watts + Highest Starting Watts	

4.4 BATTERY CHARGING

Start the engine first and allow it to reach idle before connecting the generator to the battery. Battery charging is performed using the 12V DC outlet only.

1. Be sure the Throttle Switch is turned “OFF” while charging batteries.
2. Be sure to connect the red battery charger lead to the positive (+) battery terminal, and connect the black lead to the negative (-) battery terminal. DO NOT reverse these positions.
3. Connect the battery charger leads to the battery terminals securely so that they do not disconnect due to engine vibration or other disturbances.
4. Charge the battery by following the instructions in the owner’s manual for the battery.
5. The DC Circuit Breaker will turn “OFF” automatically if the current exceeds rated output.
6. To restart charging the battery, turn the DC protector on by pressing its button to “ON”.
7. Refer to the owner’s manual for the battery to determine charging times.

NOTE

Never start or stop the generator with electrical devices plugged in or turned on.

MAINTENANCE

5.1 PERIODIC MAINTENANCE

Routine Inspection and Replace Every will keep your generator in the safest and most efficient condition possible.

Item	Routine Inspection	Prior to use	Replace Every	
			6mos. or 100hrs.	12mos. or 300hrs.
Spark Plug	• Check condition • Clean and replace if necessary		•	
Fuel	• Check fuel level and leakage.	•		
Fuel hose	• Check fuel hose for cracks or damage • Replace if necessary.	•		
Engine oil	• Check oil level in engine.	•		
	• Replace*		•*	
Air Filter Element	• Check condition • Clean		•	
Muffler Screen	• Check Condition • Clean or replace if necessary		•	
Spark Arrestor	• Check Condition • Clean or replace if necessary		•	
Fuel Filter	• Check Condition • Clean or replace if necessary			•

* Initial replacement of the engine oil is after one month or 20 hours of operation.

MAINTENANCE

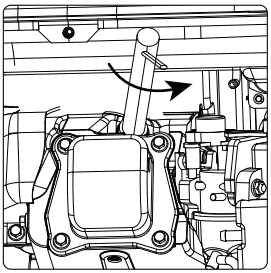
5.2 Spark Plug Maintenance

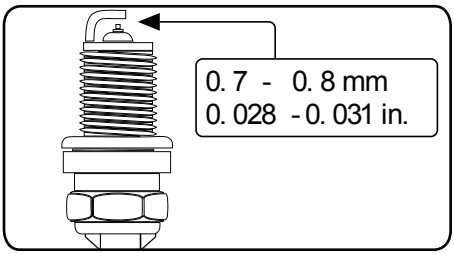
Spark Plug Inspection



The spark plug is an important engine component and should be checked periodically.

1. Remove the screws (8 screws) ① and then remove the cover ②.
2. Remove the spark plug cable from the spark plug.
3. Use the spark plug tool that shipped with your generator to remove the plug.
4. Inspect the electrode on the plug. It must be clean and not worn to produce the spark required for ignition.
5. Make certain the spark plug gap is 0.7 – 0.8 mm or (0.028 – 0.031 in.).





6. Refer to the spark plug recommendation chart when replacing the plug.
7. Carefully thread the plug into the engine
8. Use the spark plug tool to firmly install the plug.

Spark Plug Type: F6RTC

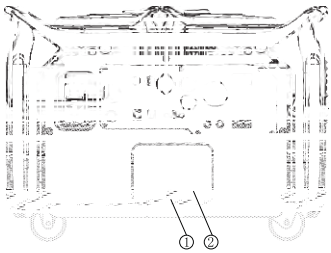
Spark Plug Torque:
20.0 N.m (2.0kgf.m, 14.8 lbf.ft)

Spark Plug Cross Reference:
a) AutoLite –66
b) Champion – RN14YC
c) Bosh – WR9DS

MAINTENANCE

5.3 Engine Oil Replacement

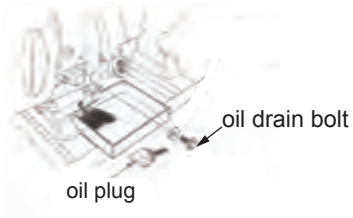
Initial replacement of the engine oil is after one month or 20 hours of operation.



1. Place the generator on a level surface and warm up the engine for several minutes. Then stop the engine and turn the Fuel Petcock knob to **"OFF"**.

2. Remove the screws ① and then remove the maintenance cover ②.

3. Remove the oil plug and oil drain bolt.



4. Place an oil pan under the engine. Tilt the generator to drain the oil completely.

5. Fasten the oil drain bolt.

Note: *DO NOT tilt the generator when adding engine oil. This could result in overfilling and damage to the engine.*



figure 1

6. Add engine oil to the upper level as seen in the diagram figure 1.

Recommended engine oil:
- YAMALUBE 4 (10W-40),SAE 10W-30 or 10W-40
- SAE#30
- SAE#20
- SAE10W

Recommended engine oil grade:
API Service SE type or higher
Engine oil quantity:
0. 6qt.(0.6L)

7. Install oil plug , cover, and screws.

MAINTENANCE

5.4 Air Filter Maintenance

Should be performed every 6 months or 100 hours. The air filter may need to be cleaned more frequently when using in unusually wet or dusty areas.



Figure 1

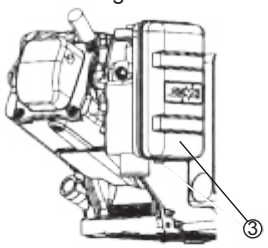


Figure 2

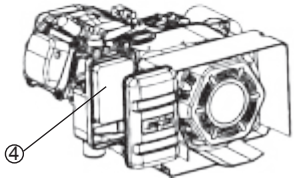


Figure 3

1. Remove the screws (8 screws) ① and then remove the cover ②.
2. Then remove the air filter case cover ③.
3. Remove the foam element ④.
4. Wash the element in soapy water squeeze filter dry in clean cloth (NOTE:DO NOT TWIST)Figure 4.
5. Soak filter element in clean engine oil ,squeeze the excess oil from filter.
6. Clean air cleaner housing and install air filter cover and screws .

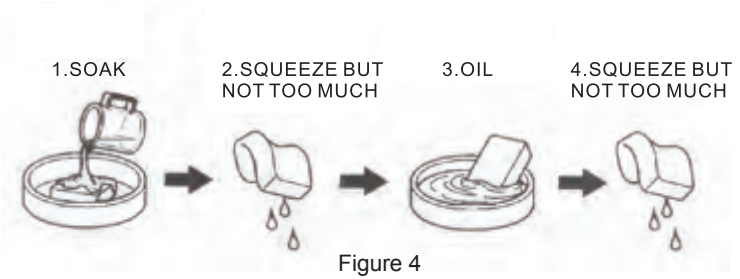


Figure 4

STORAGE

6.1 Short term storage of the Generator

During short term storage,the generator should be secured upright in its normal operating position with the fuel valve and engine switch truned "OFF".

Avoid placing the generator in direct sunlight when storing.

If the generator is left in an enclosed area or vehicle,high temperatures inside could cause residual fuel to vaporize resulting in possible explosion.

6.2 Long term storage of the Generator.

1.During long-term storage,or infrequent use of your equipment,it is important to add a commercial fuel stabilizer(per the instructions on the bottle) and run the generator for 5 minutes to ensure that any fuel trapped in the system has the stabilizer in it.you may also opt add the fuel stabilizer and run the unit until it is out of fuel.

2.To drain the gasoline from the fuel tank(Figure1), turn the engine switch to the "OFF"position.

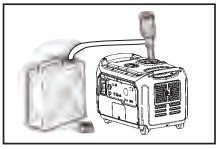


Figure1

3.Turn the fuel valve to the "ON" position,and loosen the carburetor drain screw and drain the gasoline into the approved gasoline container.

4.change the engine oil

5.Remove the spark plug and pour about a tablespoon of clean engine oil into the cylinder and turn the ignition key to the START position for a few cucles to distribute the oil.

6.Once half year ,recharge the lithium battery ① (Figure2)(remove side covers before recharge). If a battery is allowed to drop below approximately 10.5 volts,it may not be recoverable by recharging, and you might have to replace the battery.

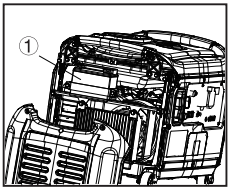


Figure2

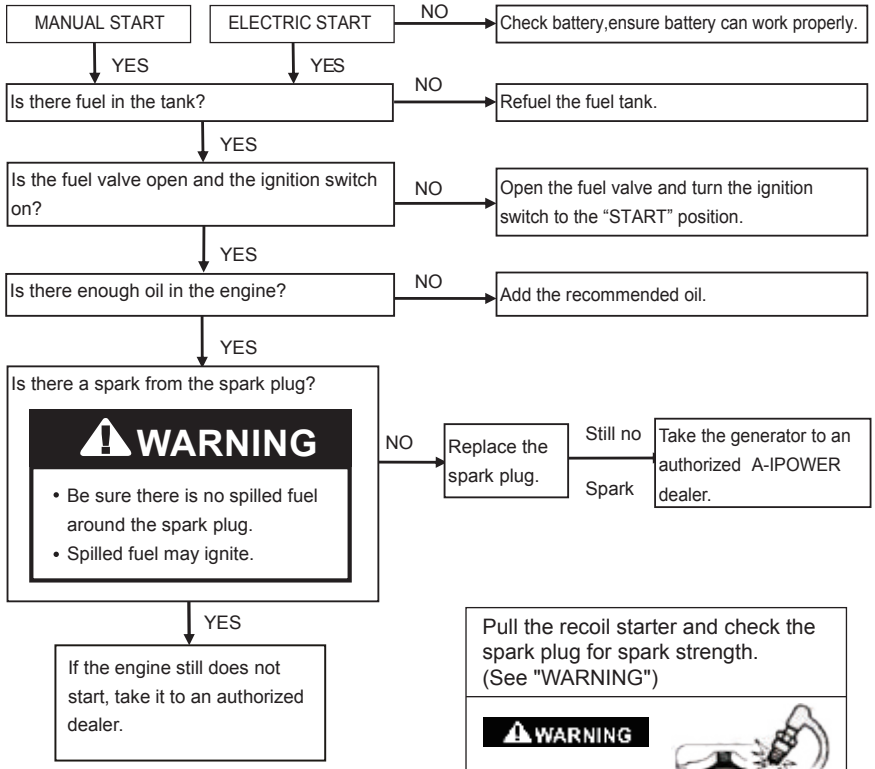
7.Store the generator in a dry,well-ventilated place ,withthe cover placed over it.

WARNING!

GASOLINE IS FLAMMABLE. DO NOT perform this maintenance while smoking or near an open flame

TROUBLESHOOTING AND SPECIFICATIONS

7 .1 Troubleshooting Diagram



TROUBLESHOOTING AND SPECIFICATIONS

7.2 Fuel Filter Maintenance

Use this section to troubleshoot common errors.

Engine won't start

Fuel systems: No fuel supplied to combustion chamber

- No fuel in tank…..supply fuel.
- Clogged fuel line……clean fuel line.
- Clogged carburetor….clean carburetor.

Engine oil system insufficient

- Oil level is low….add engine oil.

Electrical systems

- Engine switch to **"ON"** and pull the recoil starter. Poor spark
- Spark plug dirty with carbon or wet…Remove carbon or wipe spark plug dry.
- Faulty ignition system….Consult a service center.

Generator won't produce power

- Safety device (DC protector) to **"OFF"** ….press the DC protector to **"ON"**
- Safety device (AC) to **"OFF"**….stop the engine, then restart.

TROUBLESHOOTING AND SPECIFICATIONS

7.3 Specifications

Model	JY4000iR
Engine Type	4-Stroke OHV Air Cooled Single Cylinder
Engine	SV230（223cc）
Rated Power	3500W
Max Power	4000W
Rated Frequency	50Hz
Rated Voltage	230V
Rated Current	15.2A
Run Time	13.4hrs at 1/2 load
Net Weight	53kg / 117 Lbs
Noise Level(dB)	60dB(@7m)
Fuel Type	Unleaded gasoline
Fuel Tank Capacity	3.5 gal (13 L)
Oil Type	SAE 10W-30
Start Type	Recoil/Electric

WARRANTY CLAIM FORM

Primary Information

Circle one: Consumer Dealer Service

Did you send in your Warranty Card? If not, proof of purchase is required. Yes No

Have you ever had a warranty issue with the same unit before? Yes No

Name: _____

Phone: _____

Address: _____

_____

City, State, Zip code: _____

Date of purchase: _____ Where: _____

Internal Use

Serial Number

Model Color

Claim Number

RGA Number

Problem Description

_____

_____

_____

_____

_____

Action Take


JOYO