

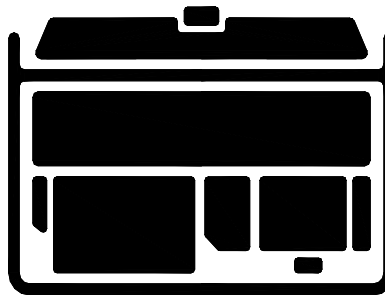
**IMPORTANT BEFORE OPERATING ENGINE**

- READ OWNER'S MANUAL AND THE INSTRUCTIONS FOR THE EQUIPMENT (APPARATUS) THIS GENERATOR WILL POWER
- Failure to follow instructions may result in serious injury or death.



***GASOLINE GENERATOR***

***OWNER'S MANUAL***



GOSS Power Products Ltd.

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1-877-270-7772

[www.p3power.ca](http://www.p3power.ca)

Thank you for purchasing this GOSS product.

This manual covers the operation and maintenance of the generator. GOSS Power Products Ltd. reserves the right to make any changes to this manual without prior notice and without taking any obligation.

IF YOU HAVE ANY QUESTION, OR IF A PROBLEM SHOULD OCCUR WITH YOUR GENERATOR, CONSULT AN  
AUTHORIZED DEALER.

**WARNING**

This generator is designed to give safe and dependable service if operated according to the instructions. Read the Owner's Manual before operating the generator. Failure to do so could result in personal injury or equipment damage.

## CONTENTS

1.	SAFETY INFORMATION.....	3
2.	COMPONENT IDENTIFICATION.....	4
3.	PRE-OPERATION CHECK.....	4
4.	STARTING THE ENGINE.....	5
5.	OPERATING THE GENERATOR.....	6
6.	STOPPING THE ENGINE.....	8
7.	MAINTENANCE.....	8
8.	TRANSPORT AND STORAGE.....	11
9.	TROUBLESHOOTING.....	12
10.	SPECIFICATIONS.....	13

## 1 . SAFETY INFORMATION

### EXHAUST FUMES ARE POISONOUS

- Never run the generator in an enclosed area.
- Operate the generator in a well ventilated area.
  
- 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.
- Make sure to refuel in a well ventilated area

The engine and muffler will be very hot after the engine has been run.

Place the machine in a place where pedestrians or children are not likely to touch the machine.

Avoid touching the engine and muffler while they are still hot.

### STANDBY POWER

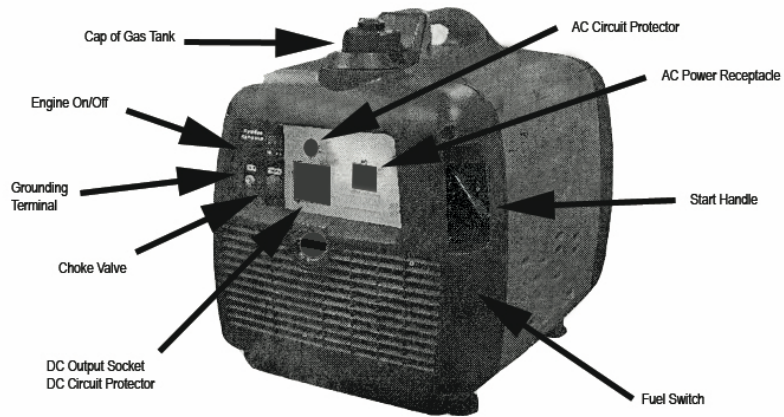
Connections from standby power to a building's electrical system must be made by a professional electrician and must comply with all applicable laws and electrical codes. Improper connections can allow electrical current to be fed back into the utility lines. Such back feed may electrocute utility company workers or others who contact the lines during a power outage, and when utility power is restored, the generator may explode, burn out, or cause fires in the buildings electrical system.

### CAUTION

- Pre-operation checks should be made each time the generator is used. (See page 5)
- Keep the machine at least 1 m (3 ft) from buildings or other equipment, or the engine may overheat.
- Be sure to operate the generator on a level surface. Otherwise, spillage may result.
- Make sure you know how to stop the generator quickly and that you understand all control functions. Never operate the generator if not compliant with the instructions.

- Make sure no child or pet can reach the generator as it is in operation.
- Keep a good distance from rotating parts while the generator is in operation.
- Do not operate the generator with wet hands or in rain or snow. Electrocutation could occur.

## 2. COMPONENT IDENTIFICATION

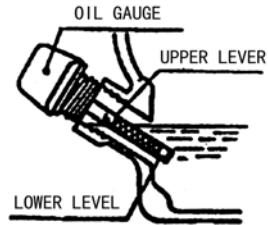


### 3. PRE-OPERATION CHECK

Be sure to check the generator on a level surface prior to use.

#### A. CHECK OIL LEVEL

Remove the left side maintenance cover. After removing the oil filler cap, wipe off the dipstick with a clean rag. To check the oil level, insert the dipstick without screwing it in, and remove it. If the oil level is lower than the end of the dipstick refill with recommended oil. (SE 10W-30)



#### CAUTION

- Do not use non-detergent oil.
- Use only high-detergent, premium quality 4-stroke engine oil
- Operating the engine without sufficient oil quantity can cause serious engine damage.

**NOTE:** The Oil Alert System will automatically stop the engine before the oil level falls below the safe limit. To avoid an unexpected shutdown, check the oil level regularly.

#### B. CHECK THE FUEL LEVEL

Use unleaded gasoline. It minimizes combustion chamber deposits.

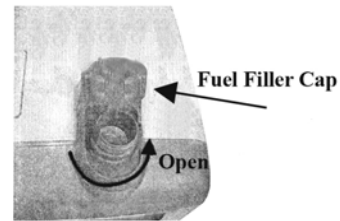
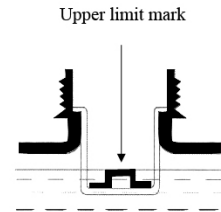
If the fuel level is low, refuel to the specified level.

Never use an oil gasoline moisture, or dirty gasoline.

Avoid getting dirt, dust or water in the fuel tank.

Always tighten the fuel filler cap securely.

Fuel tank capacity: 5 Liters



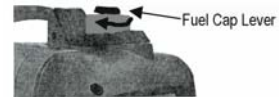
## 4. STARTING THE ENGINE

- Before starting the engine, disconnect the load from the AC & DC terminals. Make sure the electric apparatus is disconnected.

A. Turn the fuel cap lever to the « ON » position.

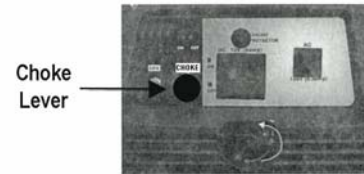
**NOTE:** Turn the fuel cap lever to the « OFF » position when transporting the generator.

B. Turn the engine switch to the « ON » position. Turn the fuel switch to the « ON » position.



C. Move the choke lever to the « OFF » position.

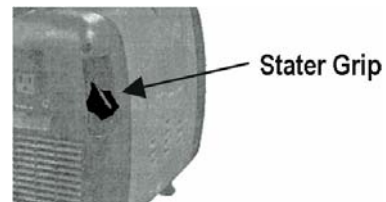
**NOTE:** Don't use the choke when the engine is warm or when the temperature of the air is high.



D. Pull the recoil until you feel resistance, then pull briskly.

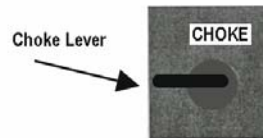
### CAUTION

Return the recoil slowly. Don't let it snap back.



E. Move the choke lever to the « ON » position as the engine warms up.

**NOTE:** If the engine doesn't work by pulling the recoil starter several times, check the engine oil level before troubleshooting other areas.



## 5. GENERATOR OPERATION

### ATTENTION

To prevent electrical shock from faulty appliances, make sure the generator is grounded.

Use a heavy wire to connect the generator terminal to the grounding source.

Connections from standby power to a building's electrical system must be made by a professional electrician and must comply with all applicable laws and electrical codes. Improper connections can allow electrical current to be back into the utility lines. Such back feed may electrocute utility company workers or others who contact the lines during a power outage, and when utility power is restored, the generator may explode, burn out cause fires in the buildings electrical system.

### A. AC APPLICATION

- Before you start the generator, make sure the appliance connected to it is switched OFF.

- Press down the AC circuit protector, to the « ON » position.

Make sure that the appliances you're connecting to the generator is in good mechanical condition and that the electric rating doesn't exceed the rated power of the generator.

### B. DC APPLICATION

Use the DC receptacle to charge 12V automotive-type batteries only.

- To avoid creating a spark near the battery, connect the cable to the generator first. To disconnect, start by removing the cable from the battery.

- Connect the positive battery terminal to the positive charging cord. Do not reverse the charging cables or it could cause serious damage to the generator or the battery.

- Press DC circuit protector to « ON ».

### NOTE :

The DC receptacle may be used while the AC power is in use. An overloaded DC circuit will trip the DC circuit protector (push button comes out). If this happens, wait a few minutes before pushing in the circuit protector before resuming operation.

### ATTENTION (if applicable)

- The battery gives off explosive gases. Make sure to keep the battery away from sparks, flames and cigarettes. Provide

adequate ventilation when charging.

- The battery contains sulfuric acid (electrolyte). Contact with skin or eyes can cause severe burns. Wear protective clothing and a face shield.
- If electrolyte touches skin, rinse with water immediately.
- If electrolyte gets into your eyes, flush with water immediately for at least 15 minutes and go to the doctor.

Electrolyte is poisonous.

- If swallowed, call a physician immediately.

**KEEP OUT OF REACH OF CHILDREN!**

### **C. OIL ALERT SYSTEM**

The Oil Alert system is designed to prevent engine damage caused by an insufficient amount of oil in the crankcase. Before the oil level falls below a safe limit, the system will automatically shut down the engine.

## **6. STOPPING THE ENGINE**

To stop the engine in an emergency, turn the engine switch to OFF.

In normal conditions:

1. Turn OFF the connected equipment and pull out the plug from the AC receptacle.
2. Turn the engine switch to the OFF position and turn the fuel switch to the OFF position.
3. Turn the fuel cap lever counterclockwise to the OFF position.

### **CAUTION**

Make sure the engine switch and the fuel cap lever are turned OFF when stopping, transporting and/or storing the generator.

## 7. MAINTENANCE

To keep the generator in the best operating condition; inspect and service your generator as scheduled below.

### WARNING

Turn the engine switch to the OFF position before performing any maintenance. If the engine has to be run make sure you do it in a well ventilated area. The exhaust contains poisonous carbon monoxide gas.

### CAUTION

Use genuine parts or their equivalent parts. Avoid using replacement parts, which are not equivalent. That may damage the generator

Maintenance Schedule

Item	Remarks	Pre-operation check (daily)	Initial 1 months or 20 Hr	Every 3 months or 50Hr	Every 6 months or 100Hr	Every 12 months or 300Hr
Spark Plug	Check condition adjust gap and clean. Replace if necessary.			●		
Engine Oil	Check oil level	●				
	Replace		●		●	
Air Filter	Clean. Replace if necessary.			●		
Fuel Filter	Clean fuel filter. Replace if necessary				●	
Valve Clearance	Check and adjust when engine is cold.					●
Fuel Line	Check fuel hose for crack or damage. Replace if necessary.	●				
Cooling system	Check fan damage.					●
Starting system	Check recoil starter operation.	●				

Note :

1. Run several hours before determining proper maintenance.
2. Maintenance should be performed more frequently when the generator is used in a dusty area.
3. These tasks should be performed by an authorized technician only, unless the owner has the proper tools and is mechanically qualified to do it. See the Owner's Manual.

### A. Changing Oil

For quick draining, drain the oil while the engine is still warm.

#### CAUTION

The engine switch and the fuel cap lever must be turned OFF before draining.

- Loosen the cover screw and remove the left side maintenance cover.
- Remove the oil filler cap.
- Drain the dirty oil into a container.
- Refill with the recommended oil, and check the oil level.
- Reinstall the left side maintenance cover and tighten the cover screw securely.

Engine capacity: 370 ML

**Note:** Dispose of used motor oil in a manner compatible with the environmental laws of your location. Do not throw it in the trash or pour it on the ground or down a drain.

### B. Spark Plug Service

Recommended spark plug: BPR6ES

The spark plug must be properly gapped and free of deposits, in order to ensure proper engine operation.

- Remove the spark plug maintenance cover
- Remove the spark plug cap.
- Clear any dirt around the spark base.
- Use the wrench to remove the spark plug.

- Inspect the spark plug visually. Replace if the insulator is cracked. Clean the spark plug with a wire brush if it can be reused.
- Measure the plug gap with a feeler gauge. The gap should be 0.7 - 0.8 mm
- Install the spark plug by hand, to avoid cross-threading.
- Seat, by hand, a new spark plug. It should be tightened ½ turn with a wrench to compress its washer. If a used plug is being reinstalled, it should only require 1/8 to ¼ turn after being seated.
- Reinstall the spark plug cap.
- Reinstall the spark plug maintenance cover.

#### **CAUTION**

- The spark plug must be securely tightened. An improperly tightened plug can become very hot and may damage the generator.
- Avoid using a spark plug in an improper heat range.

## **8. TRANSPORTATION & STORAGE**

Before storing or transporting, make sure to drain the fuel completely. Also, to prevent fuel spillage, the generator should be secured upright in its normal operating position and the engine should be switch OFF. The fuel cap lever should be turned to the OFF position.

When transporting the generator in a vehicle, avoid direct sunlight. Avoid leaving the generator inside the vehicle for many hours when the outside temperature is high, it could cause an explosion. Avoid driving on a rough road with the generator on board. If you can't avoid a rough road when transporting the generator, make sure to at least drain the fuel completely from the generator before your ride.

Before storing the generator for an extended period of time, make sure to choose a storage area free of excessive humidity and dust.

## 9. TROUBLESHOOTING

### If the engine does not start:

1. Is there fuel in the tank? Refill the fuel tank
2. Is the engine switch ON? Turn the engine switch ON.
3. Is there enough oil in the engine? Add the recommended oil.
4. Is there spark from the spark plug? Replace the spark plug. Still no spark... Take the generator to an authorized dealer.

### WARNING

Is spark coming from the spark plug? If the engine still will not start... Take the generator to an authorized dealer.

### To check:

1. Remove the spark plug cap and clean any dirt around the spark plug.
2. Remove the spark plug and install it in the plug cap.
3. Set the plug side electrode on the cylinder head to ground.
4. Pull the recoil starter; spark should jump across the gap.

### If the appliance does not operate:

1. Turn the AC switch to "ON" position.
2. Check the electrical appliance or equipment for any defects.

#### Defects:

Replace the equipment or take it to an electrical shop for repair.

#### No defects:

Take the generator to an authorized dealer.

### No output at the DC receptacle:

Is the DC circuit switch placed to "ON" position?

NO: Turn it to "ON" position.

YES: Take the generator to an authorized dealer.

## 10. SPECIFICATIONS

Engine type	4-stroke OHV, Single Cylinder
Displacement	80.62cc (4.92 c)
Bore X Stroke	52x38mm
Compression ratio	80:1
Engine speed	3600r.p.m.
Cooling system	Forced air
Ignition system	Full transistor
Oil capacity	370ML
Fuel tank capacity	5 Liters
Spark plug	BPR6ES
Noise Level 25ft.	59-64 dB(A)
Engine power	2.5HP

### Generator

AC Output	Rated Voltage (V)	120V
	Rated Frequency (Hz)	60
	Rated Output (Watts)	900
	Max Output (Watts)	1000
	Max Amp	8.3
DC Output	Only for charging 12V automotive batteries Maximum charging output: 5A	

Length x Width x Height	476 x 324 x 418 mm
Net Weight	27.5 Kg



#### Limited Warranty

GOSS Industries Inc. ("GOSS") warrants as limited herein to the end-user original purchaser of the Gasoline Generator (the "Gasoline Generator") to which this limited warranty, that the Gasoline Generator shall be free of defects in material and workmanship for a period of (i) one year if purchased by a retail consumer for regular domestic usage; or (ii) 90 days if purchased for professional or industrial usage, in each case from the date of original purchase.

In the event of malfunctions or failure of your Gasoline Generator, simply deliver or send the Gasoline Generator, along with proof of purchase, within the applicable warranty period to GOSS. GOSS reserves the right to inspect the claimed defective part or parts to determine if the defect or malfunction complaint is covered by this limited warranty. GOSS shall, within 60 days after receipt of the product, at its option, repair and/or replace the defective part or parts free of charge (other than delivery costs to transport the Gasoline Generator or any part or parts thereof). This limited warranty shall only cover defects arising from normal usage. GOSS assumes no responsibilities whatsoever if the Gasoline Generator should fail during the limited warranty period by reason of: (i) misuse, negligence, physical damage or accidents; (ii) lack of maintenance (see owner's manual for proper maintenance); (iii) repair by any unauthorized party during the limited warranty period; or (iv) damage caused by connection to an improper voltage input (see specification label on your Gasoline Generator). The limited warranty set out above is further qualified by the restrictions on usage and related matters as are set out in the owner's manual. Any contravention of the terms in the owner's manual shall render this limited warranty null and void and of no further effect.

GOSS makes no further warranties or representations, express or implied except those contained herein. No representative dealer is authorized to assume any other liability regarding the Gasoline Generator. The duration of the implied limited warranty granted under any Provincial or State law, including warranties of merchantability and fitness for particular purpose are limited in duration to the express duration provided for herein. GOSS shall in no event be liable for direct, indirect, special or consequential damages.

Should your Gasoline Generator fail to operate under the terms of this limited warranty, please contact GOSS Power Products Ltd. at 1-877-270-7772.

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