

Owner's Manual

MAGMOV 3000 DG GENERATOR

(EU / US VERSION)



⚠ WARNING

The generator is a potential source of electrical shock if misused. Do not expose the generator to moisture, rain or snow. Do not let the generator get wet, and do not operate it with wet hands.

Keep this owner's manual handy, so you can refer to it at any time. This owner's manual is considered a permanent part of the generator and should remain with the generator if resold.

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Congratulations on your selection of a MAGMOV generator. We are certain you will be pleased with your purchase of one of the finest generators on the market.

We want to help you get the best results from your new generator and to operate it safely. This manual contains the information on how to do that; please read it carefully.

As you read this manual, you will find information preceded by a **NOTICE** symbol. That information is intended to help you avoid damage to your generator, or other property.

We suggest you read the warranty policy to fully understand its coverage and your responsibilities of ownership. The warranty policy is a separate document that should have been given to you by your dealer.

When your generator needs scheduled maintenance, keep in mind that your MAGMOV servicing dealer is specially trained in servicing MAGMOV generators. Your authorized MAGMOV servicing dealer is dedicated to your satisfaction and will be pleased to answer your questions and concerns.

Best Wishes,
MAGMOV Co., Ltd.

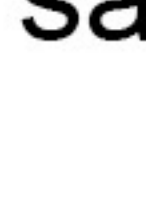
A FEW WORDS ABOUT SAFETY

Your safety and the safety of others are very important. And using this generator safely is an important responsibility.

To help you make informed decisions about safety, we have provided operating procedures and other information on labels and in this manual. This information alerts you to potential hazards that could hurt you or others.

Of course, it is not practical or possible to warn you about all the hazards associated with operating or maintaining a generator. You must use your own good judgement.

You will find important safety information including:

- **Safety Messages** — preceded by a safety alert symbol  and one of three signal words, DANGER, WARNING, or CAUTION.

These signal words mean:

DANGER

You WILL be KILLED or SERIOUSLY HURT if you don't follow instructions.

WARNING

You CAN be KILLED or SERIOUSLY HURT if you don't follow instructions.

CAUTION

You CAN be HURT if you don't follow instructions.

- **Safety Headings** — such as IMPORTANT SAFETY INFORMATION.
- **Safety Section** — such as GENERATOR SAFETY.
- **Instructions** — how to use this generator correctly and safely.

This entire book is filled with important safety information — please read it carefully.

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SAFETY INFORMATION

MAGMOV generators are designed to give safe and dependable service if operated according to instructions. Read and understand this owner's manual before operating your generator. You can help prevent accidents by being familiar with your generator's controls, and by observing safe operating procedures.

Operator Responsibility

- Know how to stop the generator quickly in case of emergency.
- Understand the use of all generator controls, and connections, and following the safety instruction.
- Be sure that anyone who operates the generator receives proper instruction. Do not let children operate the generator without parental supervision.

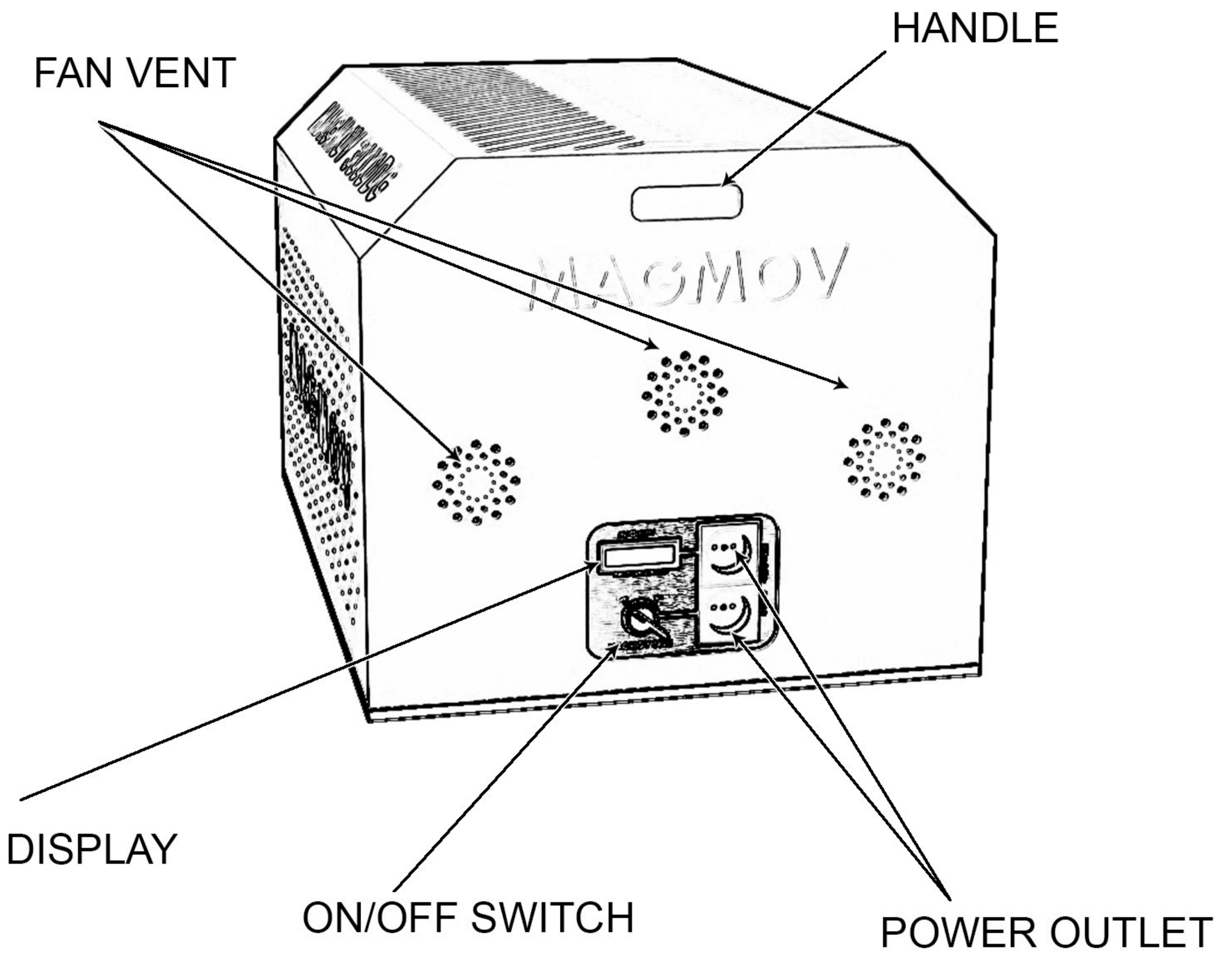
SAFETY

Electric Shock Hazards

- The generator produces enough electric power to cause a serious shock or electrocution if misused.
- Using a generator or electrical appliance in wet conditions, such as rain or snow, or near a pool or sprinkler system, or when your hands are wet, could result in electrocution. Keep the generator dry.
- If the generator is stored outdoors, unprotected from the weather, check all electrical components on the control panel, before each use. Moisture or ice can cause a malfunction or short circuit in electrical components which could result in electrocution.
- Do not connect to a building electrical system unless an isolation switch has been installed by a qualified electrician.

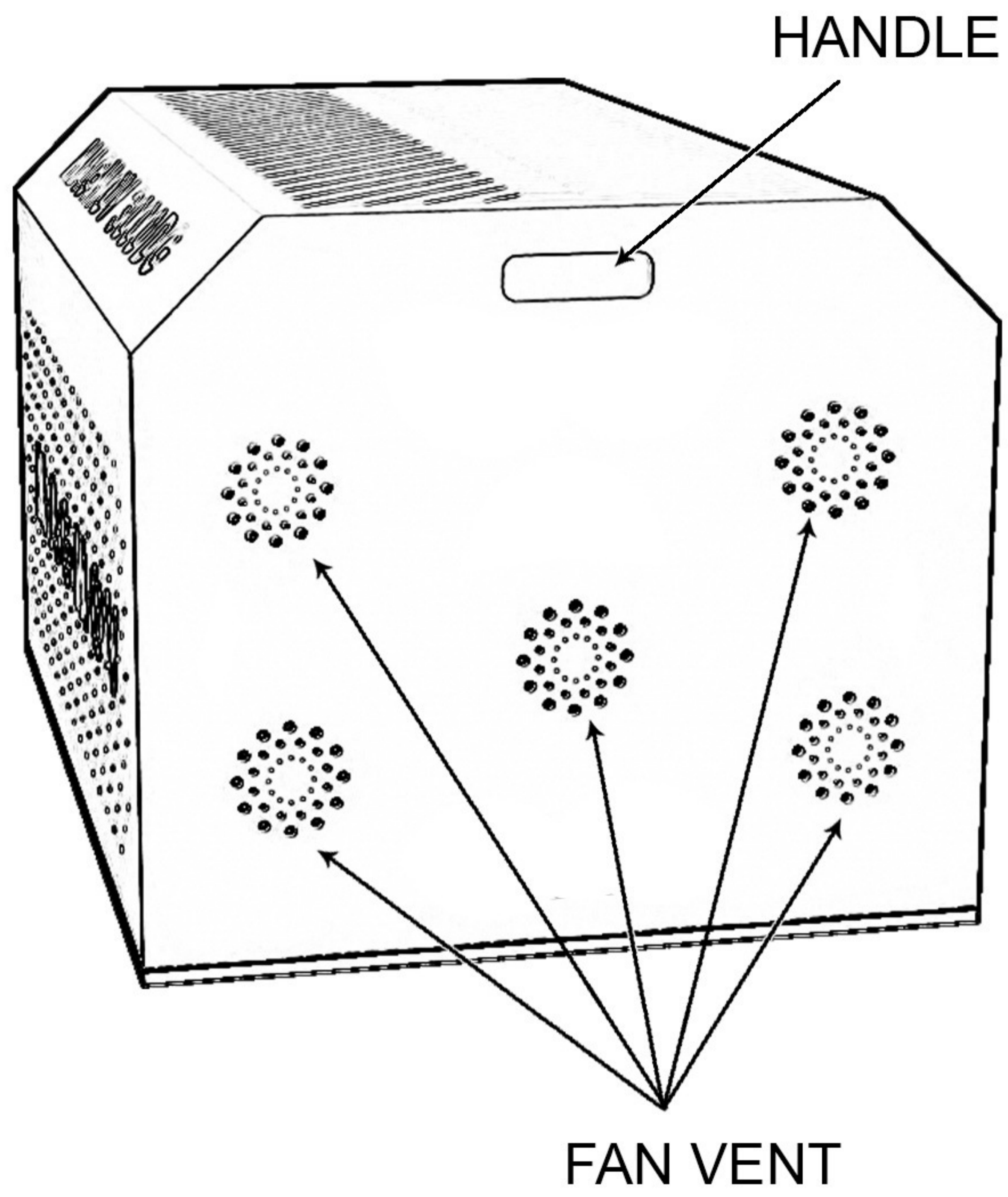
COMPONENT IDENTIFICATION

FRONT VIEW



COMPONENT IDENTIFICATION

BACK VIEW



CONNECTIONS TO A BUILDING ELECTRICAL SYSTEM

Connections for standby power to a building electrical system must be made by a qualified electrician. The connection must isolate the generator power from utility power, and must comply with all applicable laws and electrical codes.

▲ WARNING

Improper connections to a building electrical system can allow electrical current from the generator to backfeed into the utility lines. Such backfeed may electrocute utility company workers or others who contact the lines during a power outage, and the generator may explode, burn, or cause fires when utility power is restored. Consult the utility company or a qualified electrician.

SPECIAL REQUIREMENTS

There may be Federal or State Occupational Safety and Health Administration (OSHA) regulations, local codes, or ordinances that apply to the intended use of the generator. Please consult a qualified electrician, electrical inspector, or the local agency having jurisdiction.

- In some areas, generators are required to be registered with local utility companies.
- If the generator is used at a construction site, there may be additional regulations which must be observed.

GENERATOR USE

AC APPLICATIONS

Before connecting an appliance or power cord to the generator:

- Make sure that it is in good working order. Faulty appliances or power cords can create a potential for electrical shock.
- If an appliance begins to operate abnormally, becomes sluggish or stops suddenly, turn it off immediately. Disconnect the appliance, and determine whether the problem is the appliance, or if the rated load capacity of the generator has been exceeded.
- Make sure that the electrical rating of the tool or appliance does not exceed that of the generator. Never exceed the maximum power rating of the generator. Power levels between rated and maximum may be used for no more than 1 minute.

NOTICE

Substantial overloading will trip the AC circuit protector. Exceeding the time limit for maximum power operation or slightly overloading the generator may not trip the AC circuit protector, but will shorten the service life of the generator.

Limit operation requiring maximum power to 1 minute.

Maximum power is:

EU version : 6.0 kVA

US version : 6.0 kVA

For continuous operation, do not exceed the rated power.

Rated power is:

EU version : 3.0 kVA

US version : 3.0 kVA

The total power requirements (VA) of all appliances connected must be considered. Appliance and power tool manufacturers usually list rating information near the model number or serial number.

AC OPERATION

1. Turn ON the generator (see page 13).
2. Plug in the appliance.

NOTICE

Be sure that all appliances are in good working order before connecting them to the generator. If an appliance begins to operate abnormally, becomes sluggish, or stops suddenly, turn OFF the generator immediately. Then disconnect the appliance and examine it for signs of malfunction.

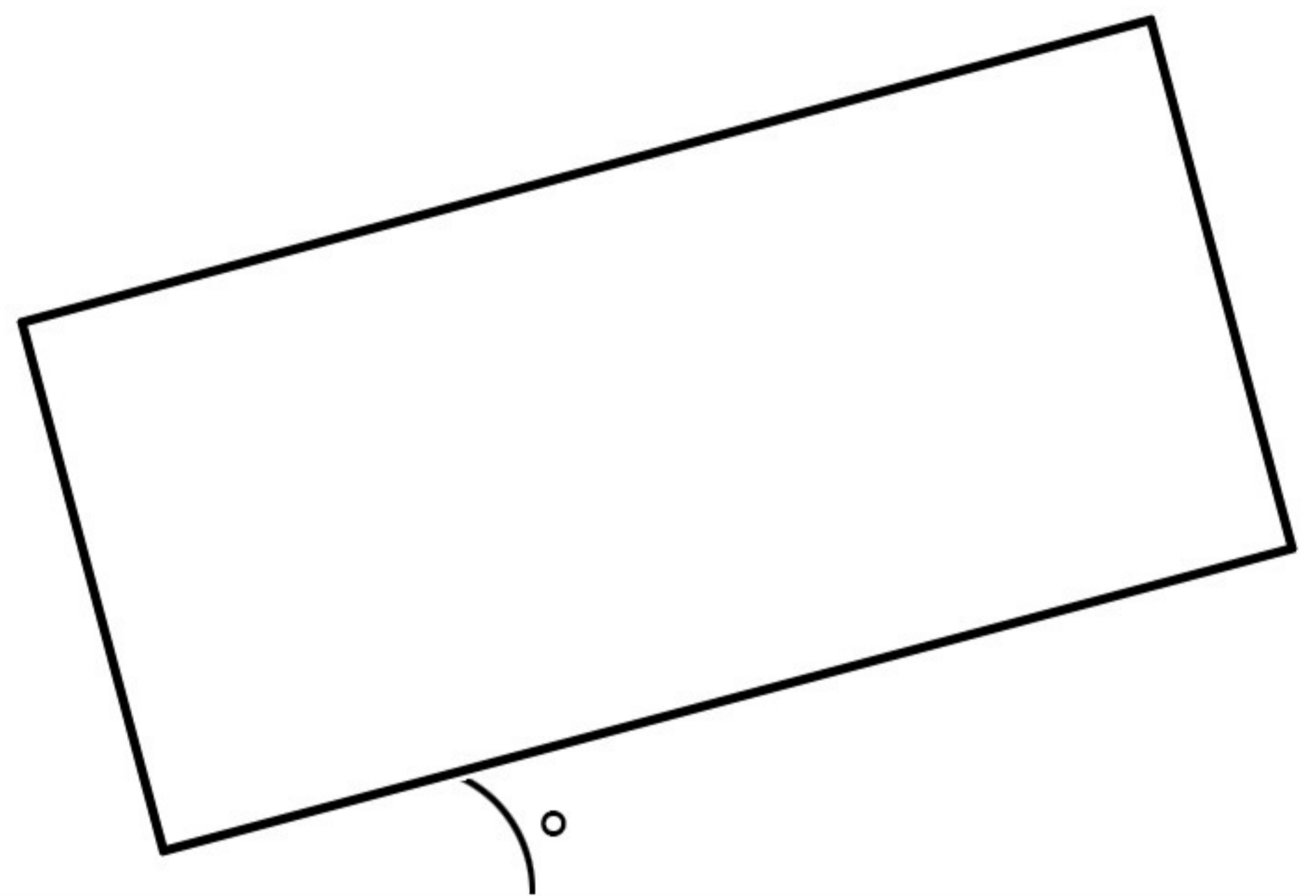
Most motorized appliances require more than their rated wattage for startup.

Do not exceed the current limit specified for any one receptacle. If an overloaded circuit causes the AC circuit protector to switch OFF, reduce the electrical load on the circuit, wait a few minutes and then turn the switch OFF and then turn it ON again (see page 13).

PRE-OPERATION CHECK

PLACING THE GENERATOR

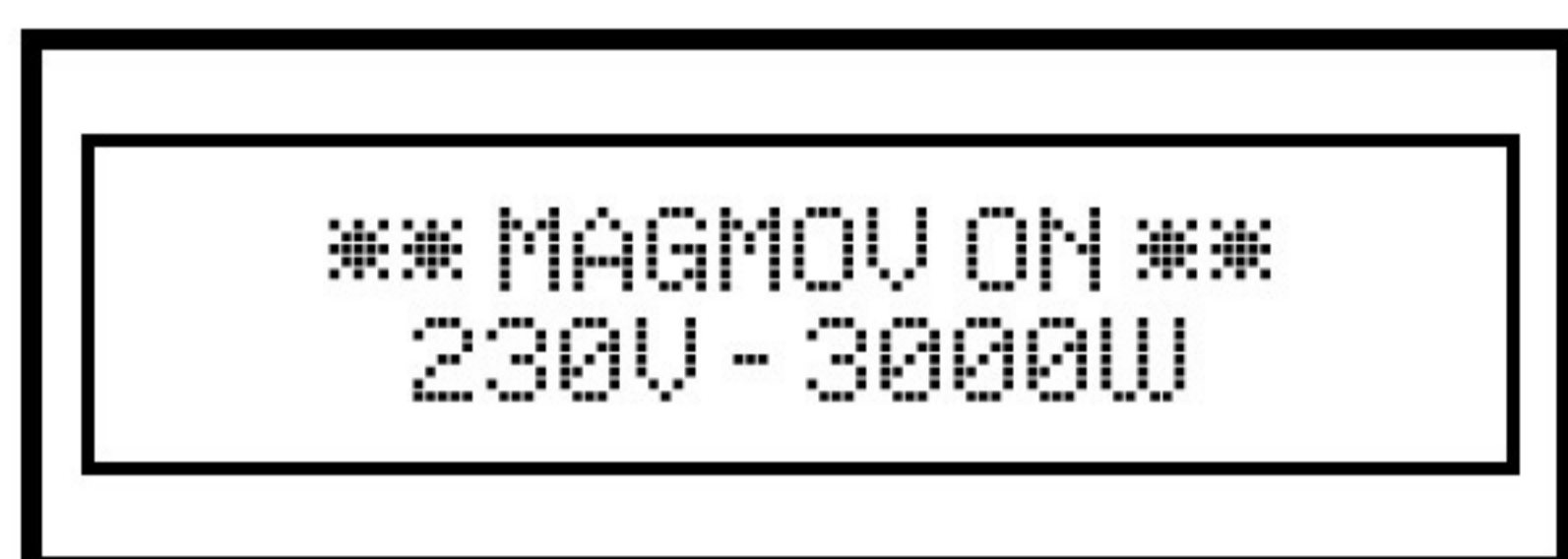
- 1- Please make sure your generator is placed on a perfectly smooth surface.
- 2- Do not place the generator on a sloped surface.
- 3- Use a leveler tool to check if the generator is balanced.



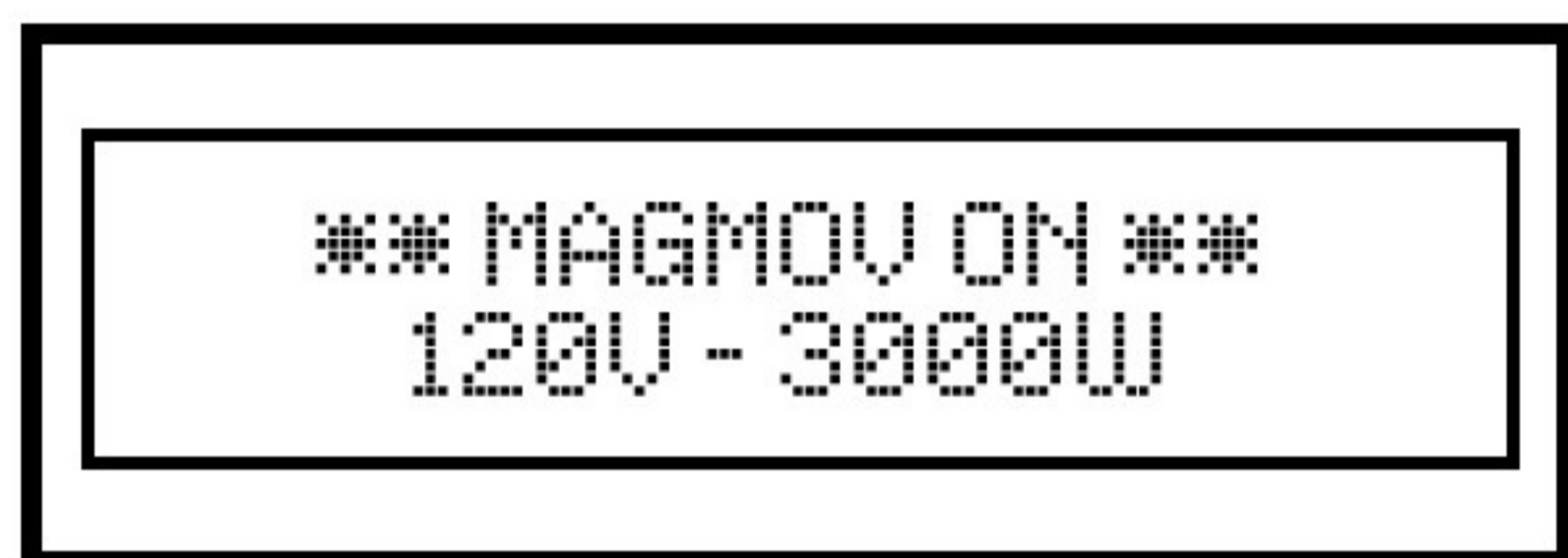
STARTING / STOPPING THE GENERATOR

STARTING THE GENERATOR

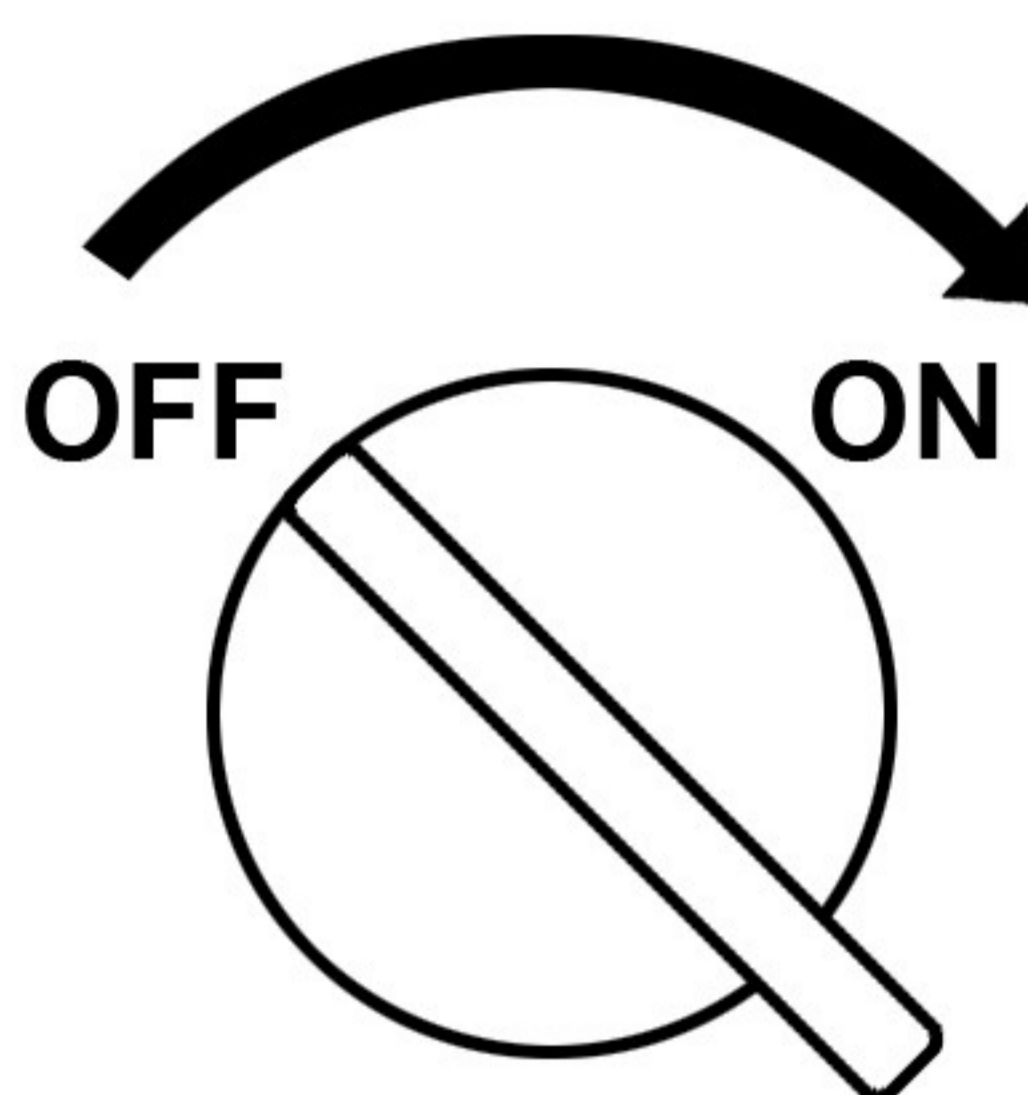
1. Make sure that all appliances are disconnected from the power outlet.
2. Turn the power switch to the ON position by turning to the right.
3. Wait until you see ****MAGMOV ON**** on the display, then you can plug your appliances to the power outlet and use them.



EU version

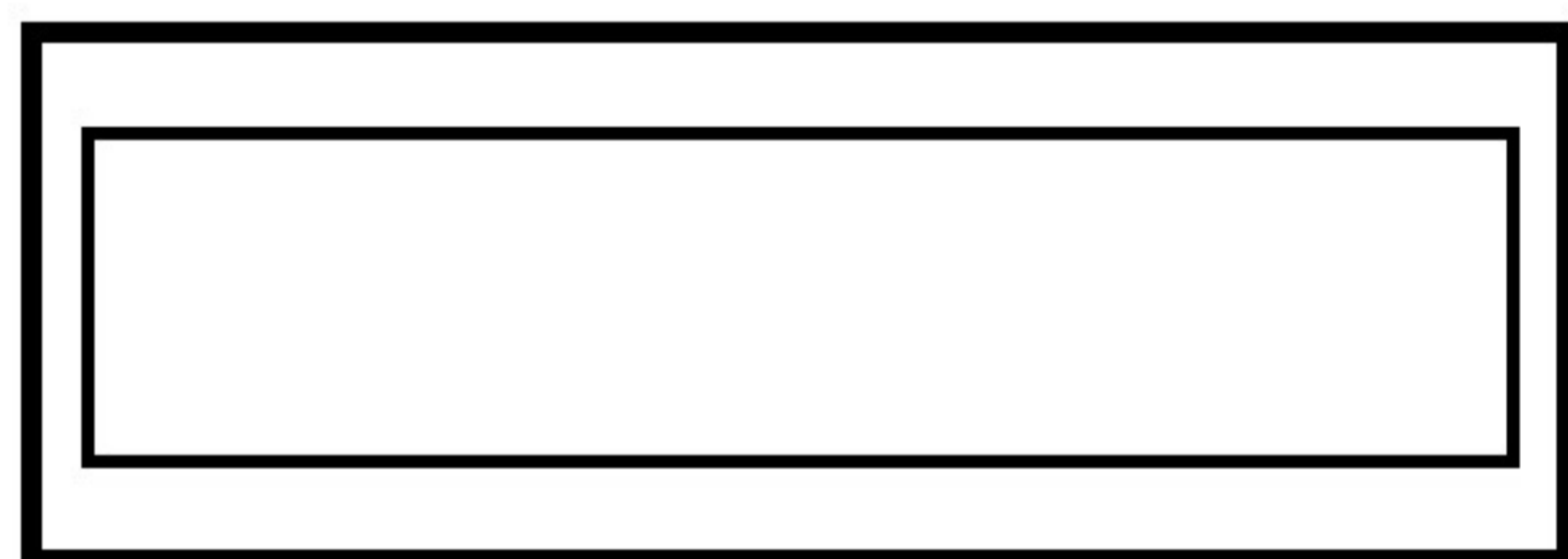


US version

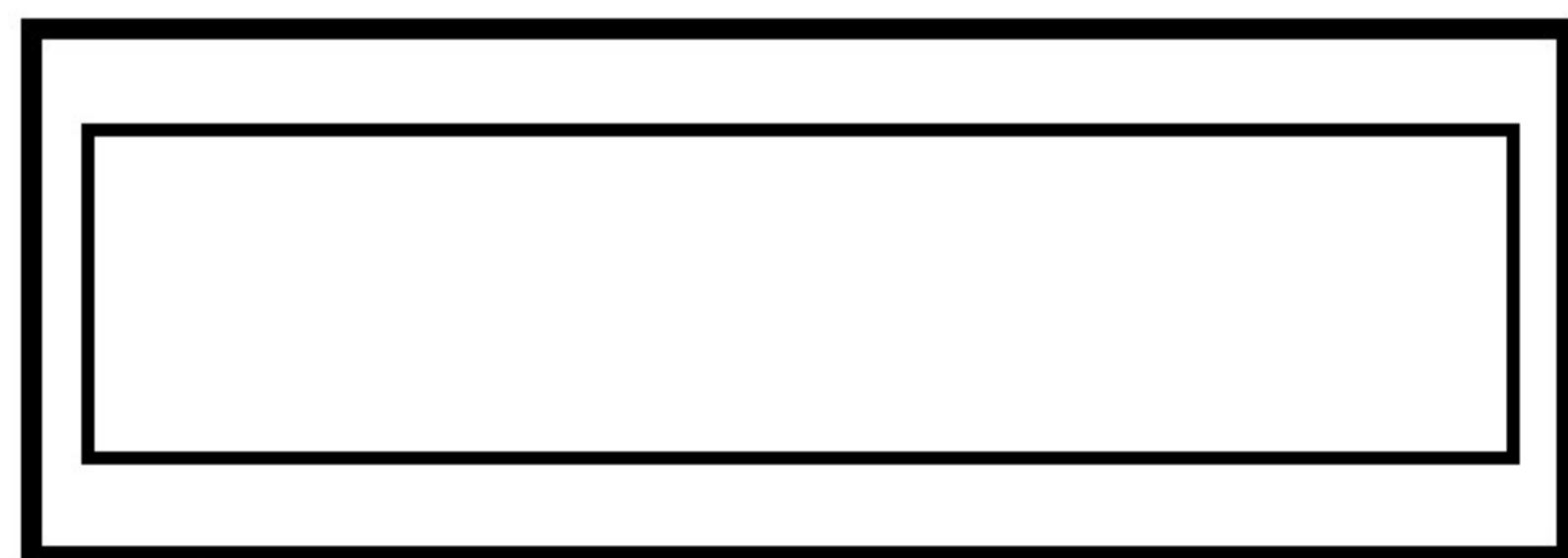


STOPPING THE GENERATOR

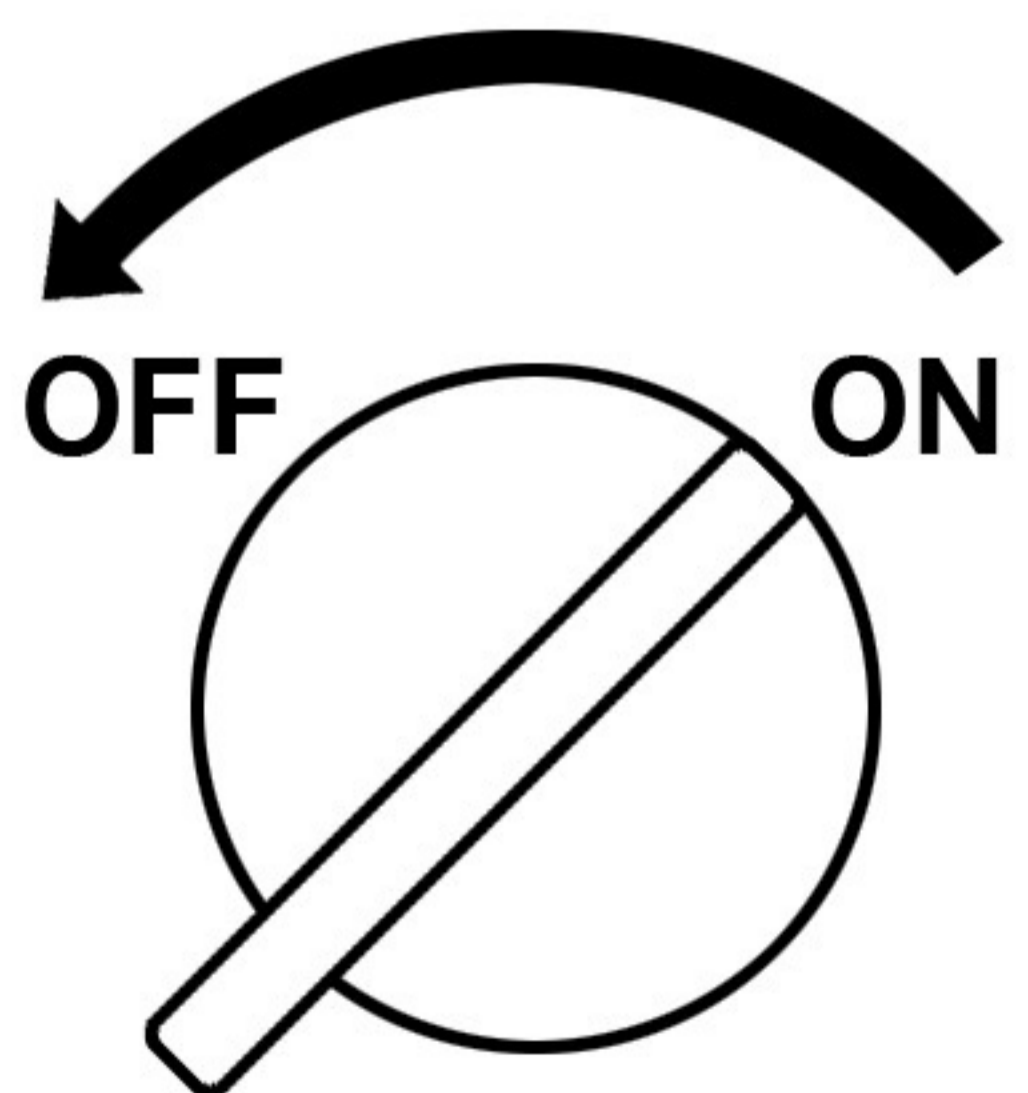
1. Make sure that all appliances are disconnected from the power outlet.
2. Turn the power switch to the OFF position by turning to the left.



EU version



US version



MAINTENANCE

THE IMPORTANCE OF MAINTENANCE

Good maintenance is essential for safe, economical, and trouble-free operation.

▲ WARNING

Improper maintenance, or failure to correct a problem before operation, can cause a malfunction in which you can be seriously hurt or killed.

Always follow the inspection and maintenance recommendations and schedules in this owner's manual.

To help you properly care for your generator, the following pages include a maintenance schedule, routine inspection procedures, and simple maintenance procedures using basic hand tools. Other service tasks that are more difficult, or require special tools, are best handled by professionals and are normally performed by a MAGMOV technician or other qualified mechanic.

The maintenance schedule applies to normal operating conditions. If you operate your generator under severe conditions, such as sustained high-load or high-temperature operation, or use it in unusually wet or dusty conditions, consult your servicing dealer for recommendations applicable to your individual needs and use.

Remember that your servicing dealer knows your generator best and is fully equipped to maintain and repair it.

To ensure the best quality and reliability, use only new, genuine MAGMOV parts or their equivalents for repair or replacement.

MAINTENANCE SAFETY

Some of the most important safety precautions follow. However, we cannot warn you of every conceivable hazard that can arise in performing maintenance. Only you can decide whether or not you should perform a given task.

▲ WARNING

Failure to properly follow maintenance instructions and precautions can cause you to be seriously hurt or killed.

Always follow the procedures and precautions in the owner's manual.

Safety Precautions

- Make sure the generator is off before you begin any maintenance or repairs. This will eliminate several potential hazards:
 - **Burns from hot parts.**
Let the generator cool before touching.
 - **Injury from moving parts.**
Do not run the generator unless instructed to do so.
- Read the instructions before you begin, and make sure you have the tools and skills required.
- To reduce the possibility of fire or explosion, be careful when working around gasoline. Use only a nonflammable solvent, not gasoline, to clean parts. Keep cigarettes, sparks, and flames away from all parts.

Maintenance

Follow the maintenance schedule on page 16 . Remember that this schedule is based on the assumption that your machine will be used for its designed purpose. Sustained high-load or high-temperature operation, or use in unusually wet or dusty conditions, will require more frequent service.

MAINTENANCE

MAINTENANCE SCHEDULE

REGULAR SERVICE PERIOD		EVERY 1 YEAR	EVERY 2 YEARS	EVERY 5 YEARS
Starter Battery	Check	●	○	○
*Replace if necessary	Replace	○	●	○
Rotor's bearing oiling	Check	●	○	○
	Replace	●	○	○
General Check	Check	●	○	○
	Replace	○	○	○
Stepper Motors	Check	●	○	○
*Replace if necessary	Replace	○	●	○
Boards	Check	●	○	○
*Replace if necessary	Replace	○	○	●
Cooling Fans	Check	●	○	○
*Replace if necessary	Replace	○	○	●
Main Motors	Check	●	○	○
*Replace if necessary	Replace	○	○	●
Magnets	Check	●	○	○
	Replace	○	○	○

NOTE:

- (1) Service more frequently when used in dusty areas.
- (2) These items should be serviced by your servicing dealer, unless you have the proper tools and are mechanically proficient.
- (3) For commercial use, Service more frequently.

TRANSPORTING/STORAGE

TRANSPORTING

If the generator has been used, allow it cool for at least 30 minutes before loading the generator on the transport vehicle. A hot generator can burn you and can ignite some material.

Keep the generator level.

Take care not to drop or strike the generator when transporting. Do not place heavy objects on the generator.

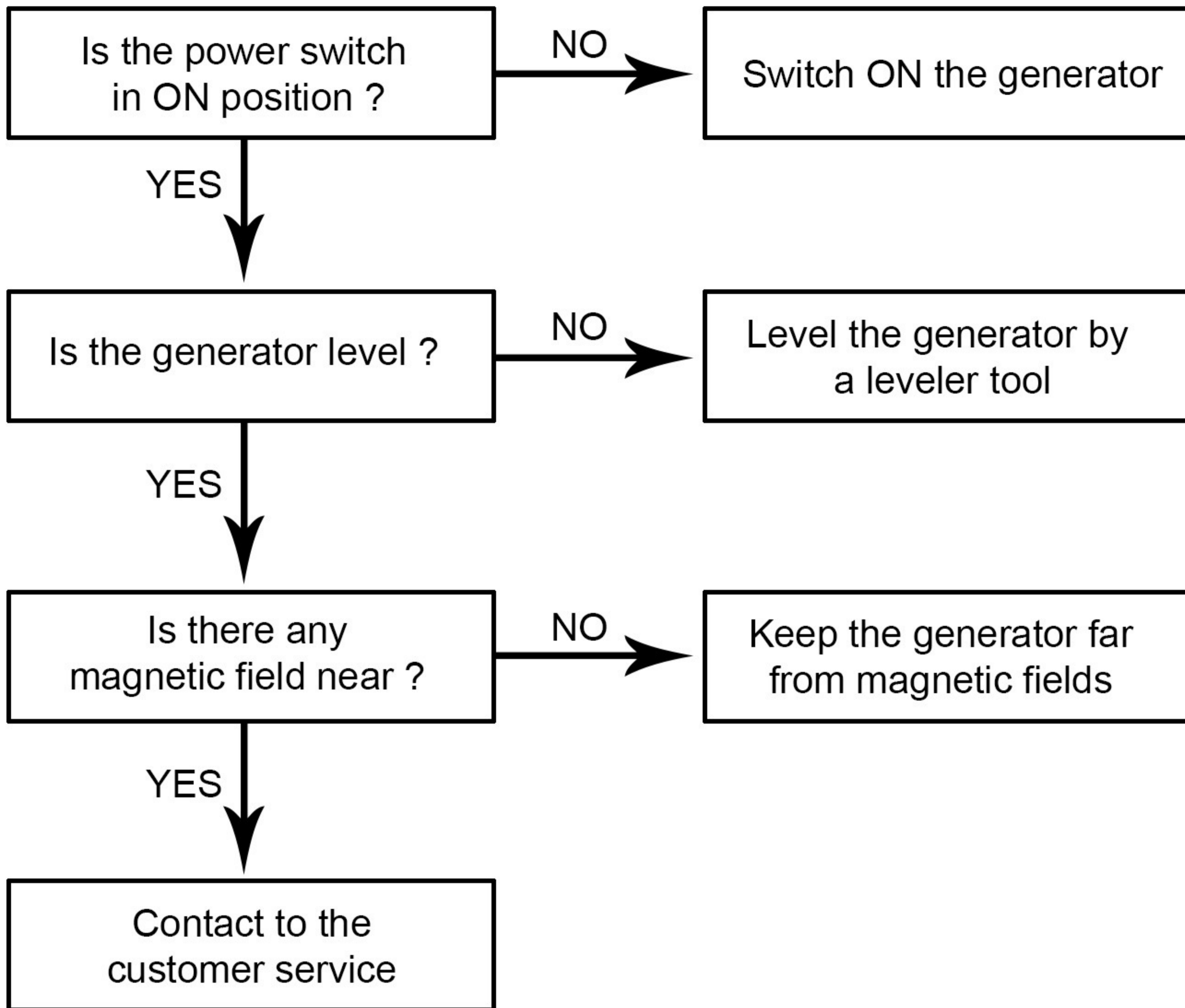
STORAGE

Before storing the unit for an extended period:

1. Be sure the storage area is free of excessive humidity and dust.
2. Be sure the storage area's temperature is 32-104 °F (0-40 °C).
3. Keep the generator level.

TROUBLESHOOTING

When the generator will not start:



SPECIFICATIONS

Dimensions

Length	33.5 in (850 mm)
Width	22.8 in (580 mm)
Height	19.9 in (505 mm)
Weight	110 lbs (50 Kg)

Generator

Model		US version	EU version
	Rated voltage	120 V	230 V
	Rated frequency	60 Hz	50 Hz
AC output	Rated ampere	25.0 A	13.0 A
	Rated output	3,000 VA	3,000 VA
	Max. output	6,000 VA	6,000 VA

NOTE:

Specifications may vary according to the types, and are subject to change without notice.

CUSTOMER SERVICE INFORMATION

Servicing dealership personnel are trained professionals. They should be able to answer any question you may have. If you encounter a problem that your dealer does not solve to your satisfaction, please discuss it with the dealership's management. The Service Manager or General Manager can help. Almost all problems are solved in this way.

If you are dissatisfied with the decision made by the dealership's management, contact the MAGMOV Customer Relations Office.

You can write to:

MAGMOV International Co., Ltd.
Customer Relations Office
No.11 - Melani 3
Tbilisi, Georgia
Or telephone: (+995) 32 27 888 91

Or write email to :
CRO@magmov.co

When you write or call, please give us this information:

- Model
- Name of dealer who sold the generator to you
- Name and address of dealer who services your generator
- Date of purchase
- Your name, address, email address , and telephone number
- A detailed description of the problem

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MAGMOV

GREEN , CLEAN , FREE ENERGY

