

VALKENPOWER



User Manual

Petrol Generator - Type EMI3800



Read this manual carefully before using the generator.

Table of contents	Page
1. Safety & Risk Prevention	
1.1 Warnings	4
1.2 Safety Instructions	5
1.3 Symbols	6 - 7
1.4 General Information	8
2. Use before starting	
2.1 Scope of application	9
2.2 Pre-use Inspection	10
2.3 Control functions	11 - 13
3. Operating the appliance	
3.1 Starting the engine	14
3.2 Stopping the engine	15
3.3 AC applications	15
3.4 Correct use of DC output	16
4. Maintenance & Service	
4.1 Maintenance	17
4.2 Spark Plug Maintenance	18
4.3 Carburetor Adjustment	19
4.4 Engine Oil Change	19
4.5 Air Filter	19 - 20
4.6 Exhaust Mesh & Spark Collector	20
4.7 Fuel Tank	21
4.8 Carburetor Replacement for High Altitude Operation	21
5. Storage	
5.1 Draining fuel	22
5.2 Engine storage	22
6. Troubleshooting & Technical Data	
6.1 Troubleshooting	23
6.2 Specifications	24
6.3 Parts	25
6.4 Parts List	25
7. Panel control & diagrams	
7.1 Control panel 230V	26
7.2 Alternating current 230V-50Hz	27
8. Official documents	
8.1 Warranty	28
8.2 EC declaration	29

Keeping the user manual

- Keep this user manual in a safe place. The information in this document may be necessary for installation, operation, maintenance, or troubleshooting. Keep this manual accessible at all times for future reference. This user manual contains important safety instructions and legal information.
- Keep this document for the entire life of the product. Always provide this manual if the product is resold, transferred, or relocated. It is mandatory to keep this user manual in a centrally accessible location.
- Personnel working with this product must have access to the most recent version of this documentation at all times.



Dispose of electrical appliances in an environmentally friendly manner. Do not dispose of electrical appliances with household waste. In accordance with European Directive 2012/19/EU on electronic appliances, they must be collected separately for recycling. Contact your local authorities for available disposal options for your worn-out appliance.

© 2025 Valkenpower All rights reserved. No part of this publication may be reproduced, stored in a retrieval system, or published in any form or by any means without the express prior written permission of the publisher, except in cases where legally permitted.

1.1 Warning

- When connecting the generator to your home's electrical system, make sure this is done by a qualified electrician. An incorrect connection between the generator and the loads can cause damage, burns, or fire to the generator.
- Place the generator at least 1 meter away from buildings or other equipment during use. Never use the generator when it is hanging or tilted.
- The generator should only be used and stored in an upright position. Make sure you can turn it off quickly and understand its controls.
- Keep away from cigarettes, smoke, hot objects, and sparks when refueling. Always refuel in a well-ventilated area and with the engine stopped. Gasoline is extremely flammable and explosive under certain conditions. Clean up any spilled gasoline immediately.
- Improper use of the generator may result in electric shock; never use the generator with wet hands.
- Never use the generator in rain or snow, and do not allow it to get wet. Disconnect all connected equipment before starting or stopping the generator to prevent equipment damage. Engine exhaust fumes are toxic.
- The generator may only be used outdoors. Protection against electrocution depends on fuses specifically designed for the generator.
- When a fuse needs to be replaced, the replacement fuse must have similar properties and performance characteristics to the fuse being replaced.
- Due to the high mechanical stresses, only use an extension cord that meets national requirements. When using extension cords or mobile distribution networks, a line with a cross-section of 1.5 mm² may not exceed 60 meters.
- For a line with a cross-section of 2.5 mm², the maximum length is 100 meters.
- Before starting the generator, make sure there are no loose tools and/or materials on the generator.
- To prevent electrical interference, you must ground the gasoline generator set.

1.2 Safety instructions

- Read all instructions in this manual carefully before using the product.
- Always follow the indicated procedures and warning symbols.
- Use the product only for its intended purpose.
- Wear appropriate personal protective equipment where applicable.
- Never operate the product under the influence of alcohol, drugs, or medication that may impair alertness.
- Do not allow persons without sufficient knowledge or experience to operate the product unless they are supervised by a competent person.
- Never make any adjustments or modifications not specified in the manual.
- Keep hands and other body parts away from moving, hot, or pressurized parts.
- Use the product only in a clean, dry, and well-lit area.
- Ensure adequate ventilation during use.
- Keep the work area free of obstacles and loose objects.
- Keep children and unauthorized persons away from the work area.
- Check that the power supply voltage corresponds to the product specifications. Use only original replacement parts.
- Turn the product off and disconnect it from the power or pressure source before making any adjustments, cleaning, or repairs. Have any defects repaired only by a certified technician.
- Stop use immediately if you notice any abnormal noise, odor, or vibration.
- Turn off the product immediately in the event of malfunctions or hazardous situations.
- Always ensure a suitable fire extinguisher and first aid kit are nearby.
- Do not use electrical equipment in damp or wet environments, do not expose them to rain, and do not use them near flammable liquids or gases.
- When not in use, tools should be stored out of reach. Keep tool handles dry, clean, and free from grease and oil.
- Use outdoors only due to the risk of suffocation.

1.3 Symbols label



Before use: Read the instructions carefully.



Before use: Check the oil and fuel levels.



Fuel-related: Refueling / Cap closure / OFF position..



1. Do not use in enclosed spaces.
2. Do not use inside a house or enclosed space.



Exhaust fumes contain toxic carbon monoxide. Avoid inhalation.



Hot surface - May cause burns.

1.3 Symbols label



Complies with the European emission standard Euro V.



Hearing protection required.



Fire hazard (petrol flammable).



Electrical voltage / shock hazard.



Prohibited: No smoking / no open fires.

1.4 General information

Before using this machine, you must first read and understand the operating instructions in full.

Understand!!! This manual contains important information for the proper installation, operation, and maintenance of the equipment described herein. Using any generator involves various risks of personal injury or property damage. Anyone involved with the installation, maintenance, or operation of the generator must be fully familiar with the contents of this manual. To protect yourself from personal injury or property damage, you must follow the directions and instructions in this manual. Every Valkenpower generator is manufactured in accordance with the Machinery Directive 2006/42/CE. A manual, including a Declaration of Conformity, is supplied with every generator. This manual should be kept and maintained. Because quality is constantly being improved, Valkenpower b.v. reserves the right to change the specifications of the equipment described in this manual.

General safety instructions for power tools. To use this product correctly, you must be familiar with the safety regulations, assembly instructions, and operating instructions as described in this user manual. Anyone who uses or operates the appliance must be familiar with this manual and informed of potential risks. Children and people with health problems must not use this appliance. Children must be supervised at all times when they are near the appliance. It is absolutely essential that you observe the safety regulations to prevent accidents. The same applies to regulations regarding health and safety at work.

Warning

Prevent the risk of fire, electric shock, and personal injury when using the generator. Always follow the safety instructions in this manual.

Warning

When connecting a generator to the mains supply at home, this must be done by a qualified electrician in accordance with NEN 1010 (safety regulations for low-voltage installations) and NEN 3140 (safe working on and with electrical installations).

An incorrect or unapproved connection between the generator and the home installation can cause serious injury, electric shock, fire and permanent damage to the generator and the installation.

2.1 Scope of application

The following table provides reference information for connecting electrical appliances to the generator.

Description	Wattage		peak load	
	assets	powerfactor	startup peak	continuous power assessment
	1000	x1	1000	1000
	1000	x1.5	1500	1000
	1000	x2	2000	1000

NOTIFICATION:

Both AC and DC inputs can be used simultaneously, and the total output power cannot exceed the rated output power. When the total output power exceeds the rated output, the overload indicator light will illuminate.

Generator power

Nominal power of the generator AC	3000W
Peak power AC	3150W

NOTICE: Do not overload. The total power of the electrical equipment must not exceed the generator's output power, otherwise the generator will be damaged. When using this generator to power precision instruments, electronic controllers, personal computers, electronic computers, microcomputers, etc., maintain sufficient distance between the equipment and the generator to prevent electromagnetic interference from the motor. This also ensures that the motor is protected from surrounding electronics. If this generator is used to power medical equipment, it is recommended to consult the equipment manufacturer, professional, or hospital regarding the amount of power required to start certain electronic equipment or general motors, which may render them unusable. Even if the start-up parameters meet the conditions in the table above, you should still contact the equipment manufacturer.



2.2 Pre-use Inspection

Warning: The engine and exhaust become very hot during use. Do not check or repair them until they have cooled sufficiently. Prevent any part of your body or clothing from coming into contact with the engine or exhaust.

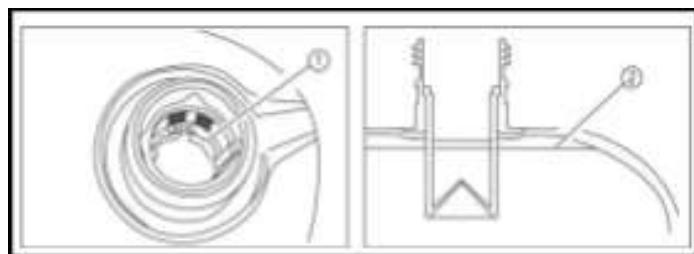
NOTICE: Be sure to check this before inspecting the following: named points.

Fuel DANGER: Do not overfill or the tank will overflow when it warms up. After filling, make sure refuel before ensuring the cap is tightened securely.

NOTICE: After refueling, wipe off any remaining gasoline promptly with a clean, soft cloth.

Cloth to prevent damage to the plastic casing. Unleaded gasoline must be used. Leaded gasoline can seriously damage internal engine components.

Remove the fuel tank cap and add gasoline up to the fuel level. ②



① Rode indicatorbit;

② Brandstofniveau.

Recommended fuel: Unleaded gasoline
Full tank capacity: 6L

Engine oil

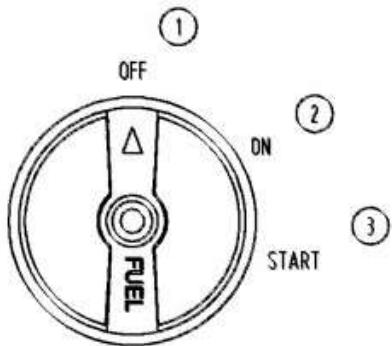
1. Place the engine on a horizontal surface.
2. Inject the indicated amount of recommended oil.
3. Replace the cap and turn it to "OFF." This generator is supplied without oil. Do not start the engine until it is sufficiently filled with oil.

Recommended oil: SAE SJ10W-40



2.3 Control function

Three-in-one combination switch.

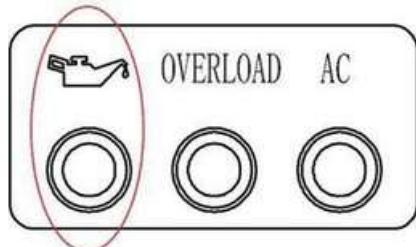


1. Engine and fuel switch in "OFF" position:
The ignition circuit is closed, fuel switch is turned off and the engine will not start.

2. Engine, fuel switch and starter switch in "ON" position: The ignition line is in working order, the fuel switch is open, START is fully open and can work normally.

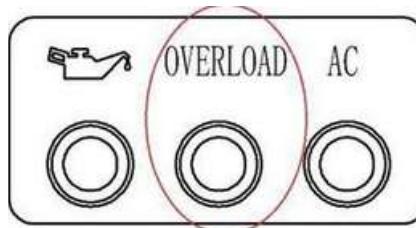
3. Engine, fuel switch and START switch in "START" position:
The ignition line is in working order, the fuel switch is on, START is in a closed state, and the engine can start normally

NOTICE: When the engine is warm, it does not need to be turned to the "START" position when starting. Oil warning light (red)



When the crankcase oil drops below the safety line, the oil protection system automatically shuts down the engine and the oil warning light illuminates. Topping up the oil to the correct level will restart the engine.

NOTICE: If the engine stalls or fails to start, turn the ignition switch to the "ON" position and then pull the starter handle. If the oil warning light flashes for a few seconds, there is insufficient oil. Add oil and restart the engine. Overload alarm indicator light (red)



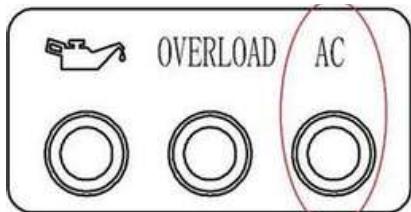
When the overload indicator lights up, it detects that the output of the connected loads is overloaded, causing the inverter to overheat. At this point, the AC protection activates and the generator stops operating to protect the generator and the connected electrical equipment. When the AC indicator light (green) is off and the overload indicator light (red) is on, the generator continues to operate.

When the overload indicator lights and the device has no output, take the following measures:

1. Disconnect and unplug the connected electrical equipment.
2. Reduce the total power of the connected electrical equipment to the nominal output range.
3. Check if there is any foreign object blocking the air inlet and if there are any abnormalities in the relevant operating components. If there is a problem, eliminate it immediately.
4. After checking, press the voltage recovery button for 1-3 seconds to restore the output voltage.

NOTICE: When using electrical equipment with high starting currents (such as compressors, submersible pumps, etc.), the overload indicator may initially light for a few seconds. However, this is not necessarily the fault mentioned above. Overload, short circuit, overheating, and low motor speed can all stop output.

AC indicator light (Green)

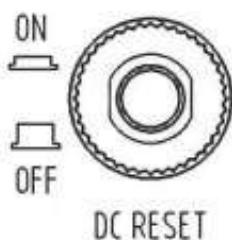


When the engine starts and performs normally, the AC indicator light will come on.

Indicator judgment: 1. Green light on: Indicates normal operation, generator output; 2. Green light on and red light flashing: Indicates overload, generator output; 3. When the green light is off and the red light flashes every 3 seconds; this indicates that the coil front-end voltage is too low and the generator has no power. 4. When the green light is off and the red light flashes twice in 3 seconds: which indicates that the engine speed is also too low and the generator has no output. 5. When the green light is off and the red light flashes three times in three seconds: this indicates that the generator temperature is too high and that the generator has no power.

6. If the green light is off and the red light flashes 5 times in 3 seconds: this indicates that the coil voltage is too high and the generator has no power. 7. If the green light is off and the red light flashes 6 times in 3 seconds: this indicates overload protection and no output.

DC protection



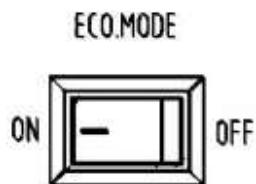
If the electronic equipment connected to the generator is operating, switch the rated current to the "ON" position when you want to use the generator again.

"ON": Normal DC output

"OFF": No DC output.

NOTICE: If the DC protection is disabled, reduce the load of the connected electronic equipment to the generator's rated output. If the DC protection is still disabled, immediately stop using the electrical equipment and contact your dealer.

ECO switch



1. ON: When the ECO switch is in the "ON" position, the generator saves less energy, consumes less fuel, and operates more quietly.
2. OFF: When the ECO switch is in the "OFF" position, the engine runs at its rated speed (4400 rpm), regardless of whether a load is connected.

NOTICE: When using the following equipment, such as air compressor the ECO switch must be turned off due to the need for a large starting current.

Voltage recovery button



When the generator's overload indicator light is on, the generator has no output voltage, but is still operating. Check and remove all loads, then press the voltage restore button for 1-3 seconds to restore output voltage.

NOTICE: When the overload voltage recovers, make sure

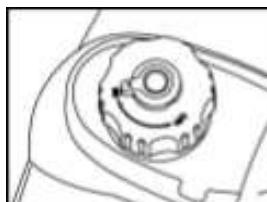
Make sure there is no load connection, short circuit or other faults before pressing the recovery voltage button.

Fuel tank cap



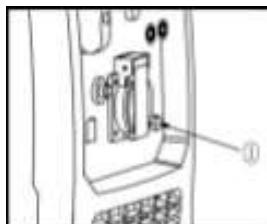
Turn counterclockwise and remove the fuel cap.

Toothed cap air vent button



There is a vent button on top of the fuel tank to release the fuel. To stop the flow of fuel. When the generator is in use, the vent knob should be in the "ON" position so that fuel can be injected into the carburetor to keep the engine running. When the generator is not in use, turn the vent knob to the "OFF" position to stop the flow of fuel.

Earth terminal (ground)

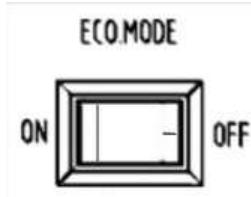


Be careful when connecting the grounding terminal to the grounding wire to avoid electric shock. If the electrical equipment is grounded, the generator must also be grounded.

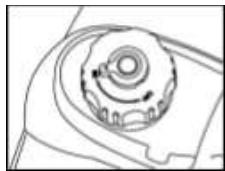
3.1 Starting the engine

Before starting the engine, ensure the oil pan is filled to the correct level.

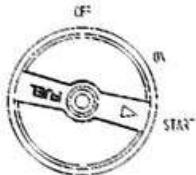
NOTE: The generator is not factory-primed; you must top up the oil yourself before using it for the first time.



1. Set the ECO switch to "OFF".

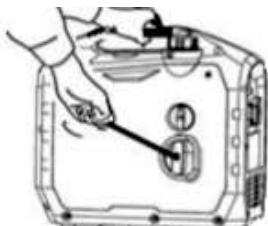


2. Turn the fuel cap ventilation knob to "ON".



3. Turn the three-in-one switch to the "START" position.
 - A) Turn on the fuel.
 - B) Turn on the ignition system.
 - C) Close the START switch in normal operating mode with the engine cold

NOTICE: When the engine starts, it is not necessary to close the START and the three-in-one turn the switch to the "ON" position

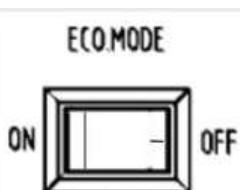


4. Gently pull the starter cord until you feel resistance, then pull firmly. Do not release the starter rope, but gently guide it back to the starting position. Turn the combination switch to "ON." When starting the engine for the first time, repeat this process several times until the fuel from the tank has been pumped into the engine.

3.2 Switching off the engine

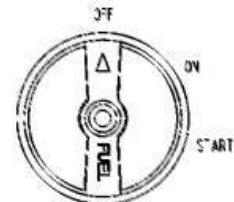
NOTICE: Turn off all connected electrical equipment.

1. Set the ECO switch to "OFF".



2. Select three-in-one switch combination button and turned this earth position to "OFF".

- A) Turn off the fuel.
- B) Turn off the ignition system.



3. When the generator has cooled, turn the vent knob to "OFF".



3.3 AC applications

NOTICE: Make sure the appliance is grounded. All electrical equipment must be unplugged before plugging it into the wall socket.

1. Start the engine.
2. Set the ECO switch to "ON".
3. Plug the power cord into the wall socket.
4. Check if the AC light is on.
5. Switch on the electrical equipment.



NOTICE: Before increasing engine speed, the ECO switch must be set to "OFF"

If the generator supplies power to multiple loads or electrical equipment, start from high to low, depending on the load size of the electrical equipment.

3.4 Correct use of DC output

Notification

- The nominal DC voltage of this generator is 12V.
- After the generator has started, connect the battery to the generator.
- Make sure the DC protection is turned on before you start charging
- If the current exceeds the rated current during charging, the DC protector will shut off the output.
Press the DC protector to the "ON" position to restart charging.
- If the DC protector closes again, stop charging and contact your dealer.

⚠ The generator's USB port is designed for low-power devices only. Before use, always check that the device's required input voltage and current level match the generator's USB specifications. 5V-1A / 5V-2.1A

WARNING:

- Do not smoke or connect or disconnect the battery while charging. The resulting spark will ignite the gas surrounding the battery. Battery electrolyte contains sulfuric acid, which is toxic and causes burns. Avoid contact with skin, eyes, and clothing.
- Treatment: External contact - wash with plenty of water. Ingestion - drink plenty of water or milk, milk containing magnesium oxide, eggs or vegetable oil.
- Call hospital immediately Eye penetrating --- Flush with water for 15 minutes, seek immediate medical advice.
- Batteries can produce explosive gases. Keep away from sparks, flames, cigarettes, etc.
- If you use batteries in an enclosed space, ensure adequate ventilation. Close your eyes when working near the battery.
- Keep the battery away from children.

4.1 Maintenance

Proper maintenance is the best guarantee for safe, economical, and trouble-free operation. It also contributes to environmental protection. The user must operate the machine safely. Periodic inspection, adjustment, and lubrication can ensure safe and efficient operation of the generator.

Note: Genuine parts must be used for replacement. For more details, please contact your dealer.

Element	Action	Any use	First month or 10 hours	Every 3 months or 50 hours	Every 6 months or 100 hours	Every year or 300 hours
engine oil	check	X				
engine oil	replace		X(1)		X(1)	
air filter	check	X				
air filter	replace			X(1.2)		
bougie	cleaning & adjusting				X	
spark arrester	cleaning				X	
float chamber	cleaning				X	
valve clearance	check & adjust					X(3)
fuel tank & filter	check					X(3)

Notification:

1. You should maintain the generator more often when the generator is used in dusty or polluted working environment.
2. These parts should be serviced by your dealer unless you provide the materials and possesses the skills to do this.
3. For commercial use, keep track of operating hours so you know when maintenance is required.

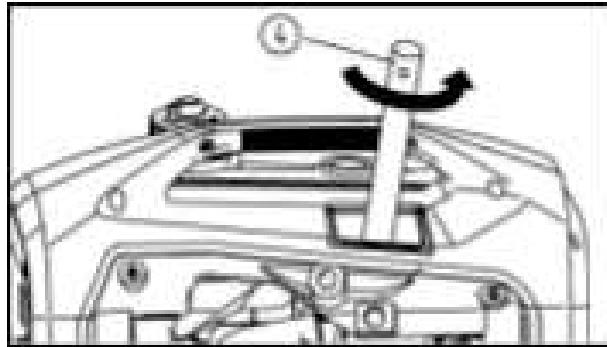
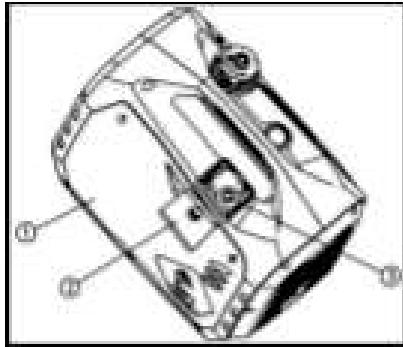
Warning: Turn off the engine before performing any maintenance work. The engine must

It must be placed horizontally, and the spark plug cap must be separated from the spark plug to prevent the engine from starting. Do not use indoors or in poorly ventilated areas, such as tunnels and caves. Ensure the work area is well ventilated. Engine exhaust fumes contain the poisonous gas carbon monoxide, which, if inhaled, can cause shock, unconsciousness, and even death.

4.2 Spark plug maintenance

Spark plugs are an important part of the generator and should be checked regularly

1. Remove the outer protective plate and spark plug cover ① Remove the spark plug cap ② Place the cover ④ into the hole from the outside of the lid;
2. Insert the screwdriver ③ into the sleeve ④ and remove the spark plug by turning it counterclockwise to turn in;

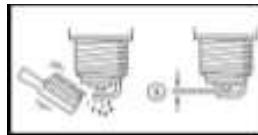


3. Check if the color has faded and remove carbon deposits. The porcelain core around the center electrode of the spark plug should be a moderately light brown;

4. Check the spark plug type and clearance;

Standard spark plug: A5RTC

Spark plug gap: 0.7-0.8mm



Tip: The spark plug gap should be measured with a feeler gauge or thickness gauge and adjusted if necessary.

5. Install the spark plug;

6. Install the spark plug cap and cover

Tip: The spark plug should be tightened to the specified torque.

Torque : 22 N*m

4.3 Adjusting the carburetor

The carburetor is an important part of the engine. It should be adjusted by a dealer using professional knowledge and equipment to ensure proper tuning.

4.4 Changing engine oil

Warning: Do not drain the oil immediately after the generator is switched off. The oil temperature is still very high. Use caution during operation to avoid burns.

1. Place the generator on a flat surface and start the generator for a few minutes to raise the temperature before turning off the engine. Turn the three-in-one combination knob.

The fuel tank lid ventilation knob is set to "OFF".

2. Turn the locking lever of the oil port bulkhead and remove the oil port protector ①.

3. Remove the oil cap ②.

4. Place the oil pan under the engine, tilt the generator and quickly pour out the oil.

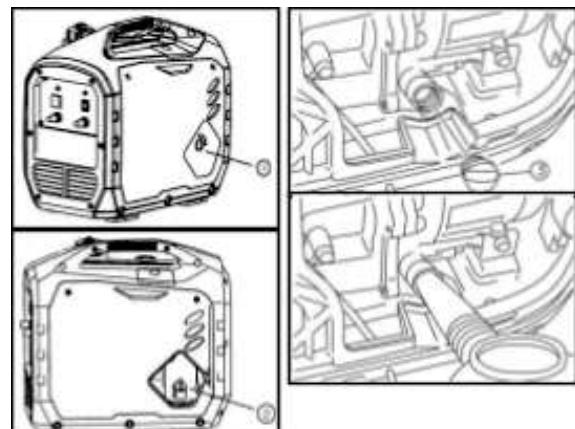
5. Place the generator back on a flat surface.

6. Fill the oil tank in its place.

7. Clean the cap and wipe away any splashed oil.

8. Tighten the oil pan.

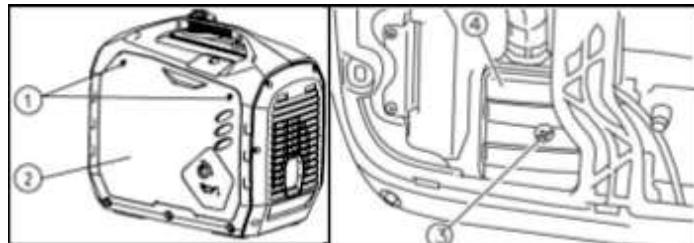
9. Cover the outer plate.



Note: Do not tilt the engine while adding oil to prevent excess oil from entering the power is damaged. Make sure that no foreign objects enter the engine housing.

4.5 Air filter

1. Remove the screw ① and outer plate ②.
2. Remove the screw ③ and air filter cover ④.
3. Remove the foam element ⑤.



Engine oil: SAE 10W-40
Engine oil: API standard SE or higher
Cubage: 0.35L

4. Clean the foam element with solvent and dry it.

5. Add oil to the foam element and squeeze out the excess oil. The foam element should be wet, but no oil should drip from it. Caution: Do not twist the foam element to prevent damage.

6. Place the foam element in the air filter.

Tip: Make sure the surface of the foam element is close to the air filter, without any gaps. Do not start the engine without the filter in place, as excessive throttle and cylinder wear can occur.

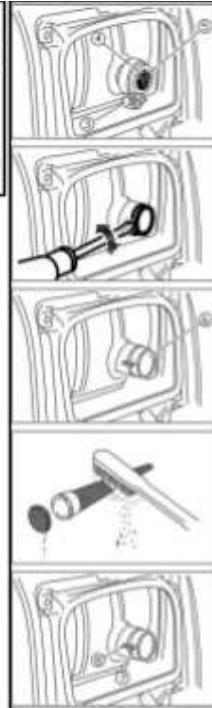
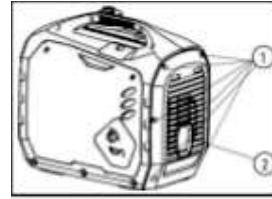
7. Place the air filter cover back in its original position and tighten the screw

8. Replace the outer cover plate and tighten the screw.



4.6 Exhaust mesh and spark arrester

Warning: The engine and muffler can become very hot after running. Keep your skin and clothing away from the engine and muffler during inspection and maintenance.



1. Remove the screw ①, remove the rear sunshades ②.

2. Remove the screw ③, remove the exhaust cover ④, exhaust mesh ⑤ and spark collector ⑥.

3. Use a wire brush to remove carbon deposits from the exhaust mesh cover and the spark collector.

4. Check the exhaust grille and spark collector and replace them if they are damaged.

5. Reinstall the spark arrester.

6. Replace the exhaust mesh cover and the back of the muffler.

7. Replace the rear louvers and tighten the screw.

Remark:

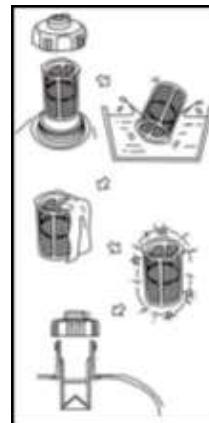
- Clean carefully with steel wire to avoid damaging or scratching the exhaust grille and spark collector.
- To ensure the protruding point of the spark collector ⑦ and a small hole in the exhaust pipe ⑧ are on a straight line.

4.7 Fuel tank filter

Warning: Do not use gasoline where smoke or flames are present.

1. Remove the fuel tank cap and filter.
2. Clean the fuel tank filter with gasoline.
3. Dry the strainer and replace it in the fuel tank.
4. Replace the fuel tank cap.

NOTE: Screw the lid on securely.



4.8 Replacing the carburetor for use at high altitudes

At high altitudes, the intake air volume of a standard carburetor will decrease due to air pressure, resulting in lower performance and higher fuel consumption. A rich mixture will also foul the spark plug, causing starting problems. Exhaust emissions may increase if the engine is operated at an altitude other than its rated altitude. If your engine always operates at high altitudes (>1500 m), contact your dealer to have the carburetor modified to improve engine performance. In this case, the modified carburetor will meet all emissions standards for the rest of its life.

5. Storage

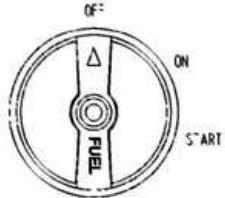
If you plan to store this generator for an extended period of time, some storage precautions should be taken to prevent aging.

5.1 Draining fuel

1. Turn the three-in-one combination switch OFF.
2. Open the fuel filler cap and remove the filter. Transfer all fuel from the tank to the Special tank and replace the fuel cap.

Warning: The fuel tank is highly volatile and toxic. Read the safety instructions carefully (see page 1).

Note: Use a clean, soft cloth to wipe away any spilled oil in a timely manner. Avoid damaging the plastic housing.



3. Start the engine (see page 18) and switch it off until the fuel runs out after approximately 20 minutes.
 - Do not connect any electrical equipment
 - The engine running time is depending on the remaining fuel in the tank
4. Remove the screw and the outer cover plate.
5. Loosen the drain plug on the carburetor and pour the fuel from the carburetor into the special tank.
6. Turn the three-in-one control switch to "START."
7. Tighten the drain plug.
8. Replace the cover and tighten the screw.
9. Once the engine has completely cooled, close the vent knob on the fuel tank cap.

5.2 Engine storage

Follow the steps below to clean the box, piston ring and other corrosion sensitive parts. protect.

1. Remove the spark plug, pour a spoonful of SAE10W40 oil into it, install the spark plug and pull for a few minutes to the hand pull starter (close the combination switch) to lubricate the cylinder block with the oil.
2. Pull the manual starter until you feel tension (avoid turning the cylinder housing and valve (to rust).
3. Clean the surface, place the engine in a ventilated and dry place and cover it with a cover.

6.1 Troubleshooting

Engine won't start

- Low fuel or oil Ignition
- switch in "OFF" position
- Broken spark plug
- Choke in wrong position
- Devices connected when starting
- Spark plug cap is loose or not connected
- Engine flooded
- Old gasoline
- Add gasoline or oil.
- Set to the On position.
- Replace spark plug.
- Set the choke to the correct position (cold engine = choke, warm engine = Run).
- Disconnect the devices.
- Press the spark plug cap firmly in place.
- Let it rest for 5-10 minutes and try again according to the instructions. If this does not help and the choke lever is in the Start position, try starting again with the choke lever in the Run position.
- Drain the gasoline and fill with fresh gasoline.

DC power supply, No output

- Fuse has blown (only applies to DC)
- Press the reset button/fuse

Generator is running with difficulty

- Is the choke lever in the Run position?
- Has the generator been idle for a while and is the gasoline perhaps old?
- No - move the choke lever to the Run position.
- If this is the case, pour out the old gasoline and fill with fresh gasoline.

The generator has no voltage output

- Safety device (DC protector) in "OFF" position
- AC indicator light (green) off
- Press the DC protector to the "ON" position.
- Stop the engine and restart it.
- Or press and hold the voltage restore button for 1-3 seconds to restore the output voltage.

Generator overheats

- Generator overloaded
- Insufficient ventilation
- Reduce the load
- Move the generator to a cooler location

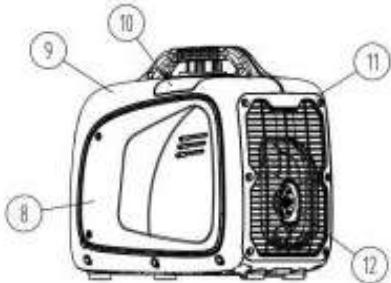
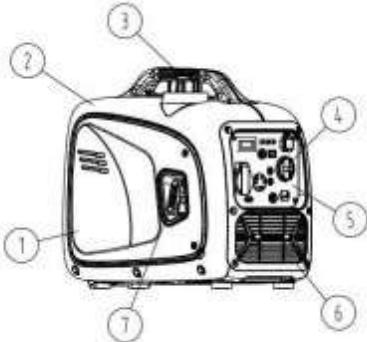
6.2 Specifications

Max Power	3.15 kW
Rated Power (230V)	3.0 kW
Max Power (230V)	3.15 kW
Frequency	50 Hz
Output Voltage	230V
AC Output	2 x 230V / 16A (2-pole)
USB-A Output	5V / 1A, 5V / 2.1A
Engine Model	165F
Engine Type	4-stroke, single cylinder, OHV (overhead valve)
Engine Speed	4500 rpm
Number of Cylinders	1
Cylinder Capacity	149cc
Cooling System	air cooled
Starting System	manual
Fuel Type	Petrol
Tank Capacity	6L
Fuel Consumption at 50% Load	1 L/h
Fuel Consumption at 100% Load	1.7 L/h
Oil Type	O15W40
Oil Capacity	0.35 L
Noise Level	68 dB

Generaterset

LXBH/mm	495*290*460
Net weight/kg	18.7

6.3 Parts



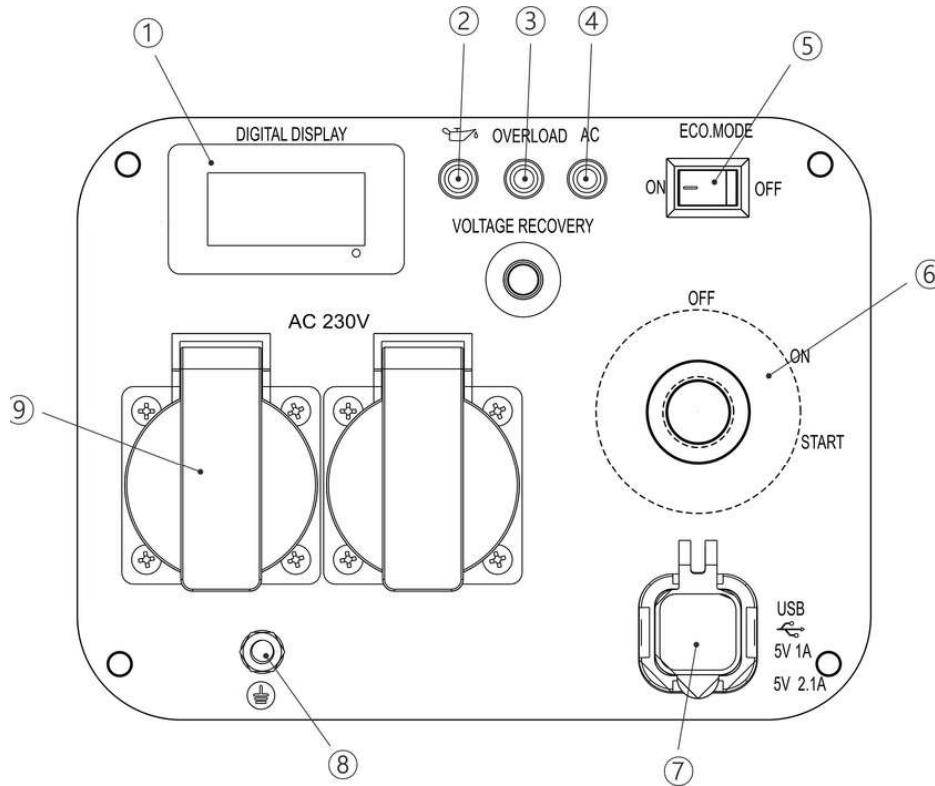
- 1. Left cover
- 2. Left housing
- 3. Fuel cap vent button
- 4. 3-in-1 switch button
- 5. Control panel
- 6. Rear panel
- 7. Starter handle

- 8. Right cover plate
- 9. Right housing
- 10. Spark plug service cover
- 11. Exhaust housing
- 12. Muffler exhaust

6.4 Parts list

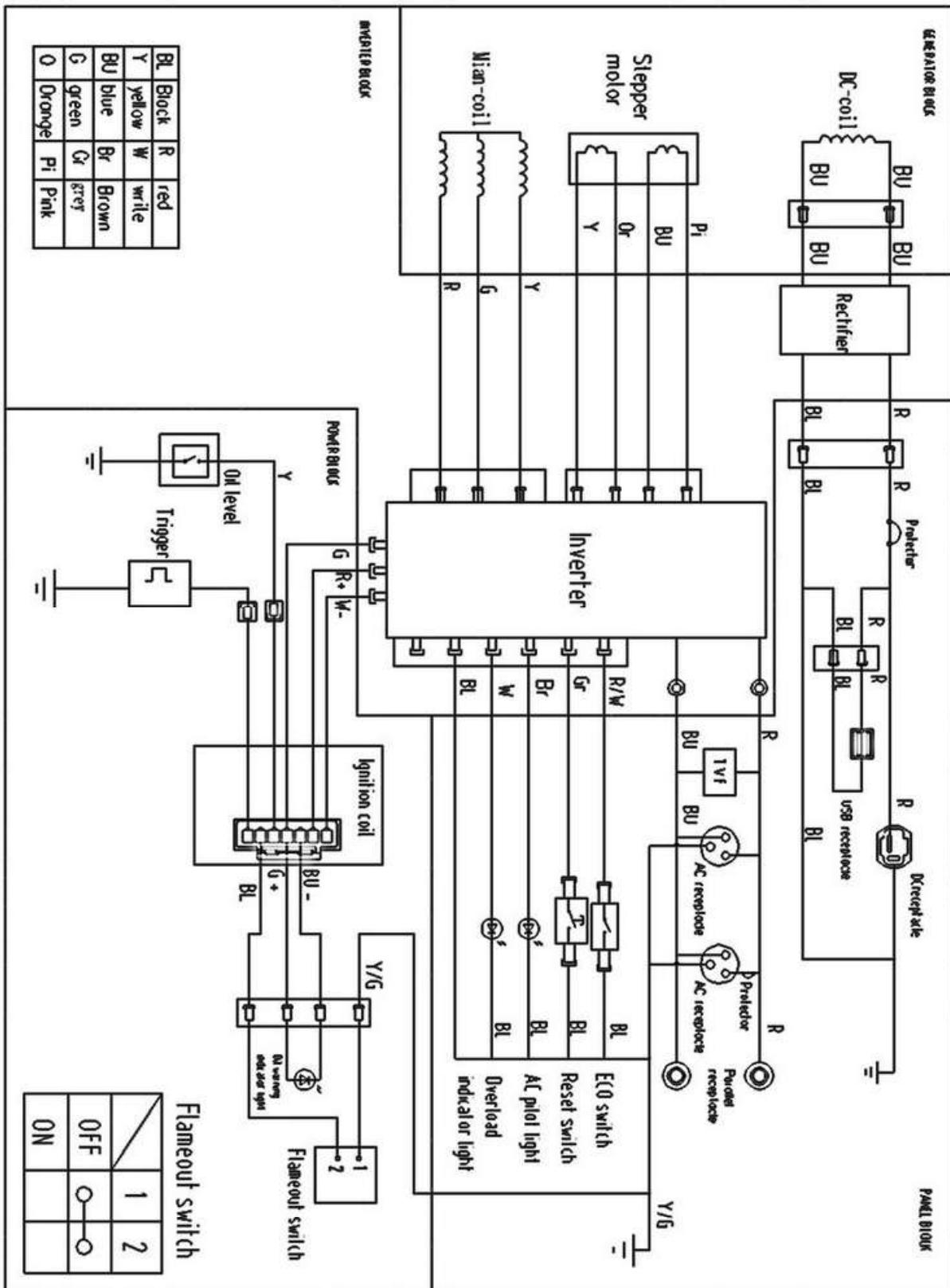
1.	PEMI3800-1	Left cover
2.	PEMI3800-2	Left housing
3.	PEMI3800-3	Fuel cap vent button
4.	PEMI3800-4	3-in-1 switch button
5.	PEMI3800-5	Control panel
6.	PEMI3800-6	Rear panel
7.	PEMI3800-7	Starter handle
8.	PEMI3800-8	Right cover plate
9.	PEMI3800-9	Right housing
10.	PEMI3800-10	Spark plug service cover
11.	PEMI3800-11	Exhaust housing
12.	PEMI3800-12	Muffler exhaust

7.1 Control panel 230V - 50Hz



1. Digital displays
2. Oil alarm indicator light (red)
3. Overload alarm indicator light
4. AC indicator light (green)
5. ECO switch
6. 3-in-1 switch
7. USB port
8. Grounding terminal
9. AC power outlet double

7.2 Alternating current diagram - 230V 50Hz



8.1 Warranty

Warranty Terms and Conditions

1. This warranty shall enter into force on the date stated on the original purchase invoice and shall remain valid for a period of twelve (12) months.
2. This warranty is non-transferable unless prior written consent has been obtained from the supplier.
3. Warranty claims will not be accepted without presentation of the original purchase invoice.
4. This warranty shall apply exclusively provided that the product has been used in full compliance with the instructions contained in the user manual and solely for its intended purpose.
5. No alterations, modifications, or technical changes may be made to the product.
6. This warranty shall be void in the event of improper, negligent, or incorrect use of the product.
7. Transportation, shipping, and related costs are expressly excluded from this warranty.
8. Any repair work must be carried out exclusively by the supplier or an authorised service partner. Repairs performed by unauthorised third parties shall immediately void all warranty rights.
9. Repairs performed during the warranty period shall not result in an extension of the original warranty period. However, a separate warranty period of three (3) months shall apply to the repaired components, provided that the original warranty period has expired.
10. All maintenance and servicing operations described in the user manual must be performed in a timely and proper manner. Failure to do so may result in the warranty becoming void.
11. Warranty claims may only be submitted to the original point of sale at which the product was purchased.

8.2 EG-verklaring

EG-verklaring van overeenstemming - Declaration of conformity – Konformitätsverklärung - Declaration de conformité - Dichiarazione di conformità- Declaracion de conformidad

Wij, We,Wir,Nous, **Valkenpower BV, Haverkamp 11, 6051 AC Maasbracht, Nederland**, verklaren geheel onder eigen verantwoordelijkheid dat de producten, declare under our sole responsibility that the products, erklären in voller eigener Verantwortung, dass die Produkte, déclarons sous notre entière responsabilité que les produits

Type	Beschrijving	Merk
Model	Description	Brand
Art	Beschreibung	Marke
EMI3800	Generator	Valkenpower
EMII3800	Générateur	Valkenpower

Waarop deze verklaring betrekking heeft, in overeenstemming zijn met de volgende normen:To which this declaration relates, are in conformity with the following standards:Auf die sich diese Erklärung bezieht, den folgenden Normen entsprechen:Auxquels la présente déclaration se rapporte, sont conformes aux normes suivantes

De machinerichtlijn: Following the provisions of Directive: Gemäß den Bestimmungen der Richtlinie: Conformément aux dispositions de la Directive:

2006/42/EG
2014/30/EU
2014/35/EU

Serienummer:
Serial number:

Directeur Valkenpower



B.A.H Valkenburg

Nederland, Maasbracht, 11-04-2023