



USER MANUAL



ENGINE DRIVEN GENARATOR SET



ΔΗΛΩΣΗ ΣΥΜΜΟΡΦΩΣΗΣ ΕΚ
EC DECLARATION OF CONFORMITY



Εταιρική επωνυμία και πλήρη διεύθυνση του κατασκευαστή

Business name and full address of the manufacturer

Σφραγίδα εντολοδόχου

Stamp and signature of authorized representative

Ο κατασκευαστής με αποκλειστική του ευθύνη για το μηχάνημα που αναφέρεται παρακάτω:

The manufacturer is solely responsible for the machine listed below:

Γενική Ονομασία:

ΓΕΝΝΗΤΡΙΑ ΕΛΑΙΟΡΑΒΔΙΣΤΙΚΗΣ ΒΕΡΓΑΣ

Generic Denomination:

Τύπος-Εμπορική Ονομασία -

Αριθμός Σειράς

Type-Commercial Name -

Serial Number

Δηλώνει, ρητώς, ότι το παραπάνω αναφερόμενο μηχάνημα ανταποκρίνεται σε όλες τις συναφείς διατάξεις της παρούσας οδηγίας και ότι συμμορφώνεται με όλες τις ισχύουσες βασικές απαιτήσεις υγείας και ασφάλειας του παραρτήματος I της οδηγίας για τα μηχανήματα, και είναι εναρμονισμένο με τα ακόλουθα πρότυπα:

Declares expressly that the machinery referred to above meets all the relevant provisions of the Machinery Directive, complies with all the applicable essential health and safety requirements of Annex I to the Machinery Directive, and is in conformity with the following standards:

EN ISO 8528-13:2016

Το μηχάνημα ανταποκρίνεται σε όλες τις σχετικές διατάξεις της οδηγίας για τα μηχανήματα :

The machinery fulfils all the relevant provisions of the machinery directive :

2006/42/EC
Machinery Directive



TOPALIDIS PAVLOS
CE KOORDINATOR P.C. I.K.E.

ΥΠΗΡΕΣΙΕΣ ΜΗΧΑΝΙΚΩΝ-ΠΙΣΤΟΠΟΙΗΣΕΩΝ

ΑΡΙΣΤΟΤΕΛΟΥΣ 29 58200 ΕΔΕΣΣΑ

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Α.Φ.Μ. 801432226 Δ.Ο.Υ. ΕΔΕΣΣΑΣ

- 17/7/2025

Όνομα και τη διεύθυνση του προσώπου του εξουσιοδοτημένου να καταρτίσει τον τεχνικό φάκελο

Name and address of the person authorised to compile the technical file

Στοιχεία και υπογραφή του προσώπου που έχει εξουσιοδοτηθεί για τη σύνταξη της εν λόγω δήλωσης εξ ονόματος του κατασκευαστή - Τόπος- Ημερομηνία

Identity and signature of the person empowered to draw up the declaration

Olive Harvester engine driven
Generator set



The manufacturer hereby warrants the proper functioning of the machine referred to below

TYPE OF MACHINE	
SERIES NUMBER	
DATE OF PURCHASE	
SUPPLIER (stamp & signature)	

This warranty is valid for 12 months from the date of purchase of the machine.

The manufacturer guarantees the proper functioning of the

machine. This warranty shall cease to apply as soon as:

- The machine has been used for a purpose other than that for which it was intended
- The machine has been used for a purpose other than that for which it was intended.

Damage caused by incorrect use.

FOR THE
MANUFACTURER

THE
PURCHASER

(the representative - stamp & signature)

This user, assembly and maintenance manual is part of the study for the harmonisation of the machine with the European Machinery Safety Regulation 2006/42 EC

According to the study it may bear the **CE** marking.

This manual is an integral part of the **Generator Set Machine** and must be available to anyone wishing to commission, maintain, repair or adjust the operation of the machine and for easy and quick reference. It must be kept near the machinery, in a place free from moisture, dust or high temperature. In the event of damage or loss, ask the manufacturer or authorised representative for a copy. The manufacturer is not responsible for problems caused by poor or incorrect installation and service. Only trained operators-maintainers should operate or maintain these machines.

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that has designed and manufactured the machine.

2. SAFETY REGULATIONS AND GENERAL INSTRUCTIONS - GENERAL REMARKS

In the construction of this machine everything has been done to make your work safer. But caution is irreplaceable and there is no better rule than that which prevents accidents.

The **Generator** belongs to the category of fruit harvesters.

This machine has been designed and manufactured in accordance with the regulations according to the directive 2006/42 EC

 manual. When encountering it, watch out for accidents and read the following message carefully.

 This symbol is followed by a useful hint.

The **DANGER** symbol is used to identify serious dangers. The symbol is placed near the hazards it identifies on the machine. General precautions are listed in the safety symbol **CAUTION**. This symbol also refers to the safety messages in this manual.

 **DANGER**

 **WARNING**

 **CAUTION**

Over 1 year

Fill with new petrol and fuel conditioner.*
Empty excess carburettor petrol.(p.31)
Clean the cap (p.25)
Remove the spark plug. Place a tablespoon of engine oil into the cylinder.

Pull the starting handle to distribute the oil everywhere.
Reinstall the spark plug.
Change the engine oil. (p.2 storage remove the petrol in a suitable container and refill with a new spark plug.

*Use fuel conditioner to enable you to extend the storage period. Contact official dealers.

? Drain the carburetor of excess gasoline into a specially designed container by loosening the drain screw.

WARNING! Gasoline is highly flammable under certain conditions. For this reason, any actions you take with fuel should be done in open areas and away from sources of fire or hot surfaces.

The maintenance schedule applies for normal operating conditions. If you set to operate the generator under adverse conditions, such as high operating loads, high temperatures or even in conditions of high humidity and with a high concentration of dust, it is best to seek the advice of qualified dealers.

1) TRANSPORT/STORAGE

When you want to move the generator, turn the engine and fuel switch to the OFF position. Keep the engine on a flat surface to avoid any leaks, which can ignite.

WARNING! Avoid contact with the hot engine or exhaust because you may burn yourself. If you want to move or store the generator, let it cool down first.

Be careful not to drop or knock the generator during transport and do not place heavy objects on it.

Before storing for a long time, make sure that the storage area is free of moisture and dust.

Foreseen actions:

STORAGE PERIOD	FORESEEN ACTIONS
Less than 1 month	No particular action required
Between 1 and 2 months	Fill with new petrol and fuel conditioner*
From 2 months to 1 year	Fill with new gasoline and pre-fuel conditioner.* Empty excess carburettor petrol.(p.31) Clean the cap (p.25)

Safety regulations

Your safety and the safety of others is very important.

To ensure the safe operation of the generator, please read carefully the three important safety warnings in the manual and on the generator, which include the ⚠ mark:

The importance of these words is important in protecting the generator, other items of value and the environment

1) Safety information

The generator is designed to give safe and reliable operation if used following the instructions for use. For this reason, please read the instructions carefully. By fully understanding the requirements and how to operate the generator you can avoid any accident.

User responsibilities

- You must know how to quickly stop the generator in case of danger.
- Understand the use of switches, receptacles and connections.
- Make sure that, whoever operates the generator is knowledgeable. Do not allow children and unqualified persons near the generator.
- Place the generator on a solid and flat surface. Avoid surfaces such as snow, sand or puddles. If the generator is tipped over, fuel can spill and in addition, dirt, dirt and water can enter.

Risk of electric shock

- The generator produces enough electricity to cause an electric shock.
- Do not use the generator when it is raining or snowing, when there is a nearby water supply system, or when your hands are wet, as you may be electrocuted. Therefore always keep the generator dry.
- If you have the generator exposed to outdoor conditions, always check every part and component of the generator before you start it up. Moisture and ice can cause a short circuit.
- Never connect the generator to the household electrical circuit unless an isolation switch has been installed by a specialist.

Risk of fire or burns

- The exhaust becomes hot enough to ignite flammable objects:
- Keep the generator at least 1 meter away from other objects.
- Do not close the generator to any structure.
- Keep flammable materials away from the generator.
- The exhaust remains hot not only during use but also afterwards, when you turn it off. Therefore, never touch the exhaust and wait for the generator to cool down if you want to move it.
- Petrol is quite flammable. For this reason, never smoke next to it or have petrol near sparks and fumes. Always fill the generator's tank when it is switched off and in a well-ventilated area.

REGULAR MAINTENANCE PROGRAMME		Per use	Every 20 minutes hours or 1 month from the market (3)	Every 50 hours or every 3 no (3)	100 hours or every 6 months (3)	Cath hours time
ENGINE DRIVER'S BAND	Check the oil level	○				
	Change oil level		○		○	
AIR FILTER	Check	○				
	Cleaning			○ (1)		
RETENTION TANK gasoline vapor holding tank	Cleaning				○	
BOWL	Check - Cleaning				○	
SPARK ARRESTOR BRAID	Cleaning				○	
VALVE CLEARANCE	Service - Adjustm ent					○
FUEL TANK AND FUEL SWITCH	Cleaning					○
CYLINDER HEAD	Cleaning	EVERY 300 HOURS (2)				
FUEL CYLINDER	Check (Change if necessary)	EVERY 300 HOURS (2)				

(1) When the generator is used in dusty places, maintenance should be carried out more frequently

(1) Maintenance should be carried out by a qualified technician

(2) If the generator is used regularly, please follow the above maintenance intervals to ensure the long-term use of the generator

CAUTION! Improper maintenance or failure to correct the problem before operating the generator can cause malfunction and risk injury or fatality. Therefore, always follow the proper generator inspection and maintenance procedures found in this manual.

CAUTION!

- **Keep fuel away from children**
- **Gasoline is flammable and explosive under certain conditions**
- **Refuel the generator only when it is closed and in a well-ventilated area. Do not smoke nearby and do not have any fire or spark sources in both the generator and the fuel.**
- **Do not fill the generator to the rim of the tank. After each filling, make sure that the tank lid is closed tightly and that no fuel has been spilled. If there is spilled fuel, wipe up immediately before starting the generator because gasoline fumes are flammable.**
- **Avoid contact with your skin or inhaling gasoline fumes.**

2. MAINTENANCE

- **Maintenance schedule**
- Good maintenance is the best guarantee of safe, economical and trouble-free operation. It also helps to protect the environment.
- WARNING!** Exhaust gases contain carbon monoxide. Therefore the generator must be used in an open or well-ventilated area.
- Periodic maintenance and adjustments are necessary to keep the generator in good working order. The necessary actions to be taken are shown in the following table:

- Gasoline vapor is extremely flammable and can catch fire during start-up. They can be extremely volatile and can burn very hot and can cause combustion if the generator is started. Therefore, always wipe up any leaks thoroughly before starting the generator.

Record the serial number of the generator for future reference. Always quote the serial number when ordering parts or when you are going to repair the generator.

The serial number is:

2) SWITCHES

- 1) Engine switch
- To turn the generator engine on or off, turn the switch: OFF: To turn the engine off ON: To turn the engine on
- On the generator with electric start there is also a START button.
- 1) Start handle
- To start the engine, pull the handle gently at first until you find resistance, then pull it sharply.
- NOTE!** Do not let the starter handle turn back on the engine suddenly but slowly to avoid damage.
- 1) Fuel switch
- The fuel switch is located between the fuel tank and the carburetor. When the fuel switch is in the ON position, fuel flows to the carburetor. When you want to turn the engine off, turn the switch to the OFF position.
- 1) Choke
- The choke is used for starting when the engine is cold. It can be opened or closed by simply moving its handle. Move the switch to the OFF position to enrich the mixture.

1) Automatic mode switch

The circuit breaker will automatically turn to the OFF position if the generator is shorted or overloaded. If the breaker is set to the OFF position, check the electronic device that it is operating properly and does not exceed the total rated load (total electrical load that the generator can put out). The power switch can be used to turn off the generator.

1) Oil sensor

The oil sensor exists to prevent engine failure when the oil level in the crankcase is low. Before the oil level drops below the safety level, the sensor will automatically shut off the engine (the engine switch will remain in the ON position).

The engine will remain off and cannot be turned on. If this happens, check the engine oil level first.

1) Ground terminal

The ground terminal is connected to the generator panel, its metallic noncurrent-carrying parts (frame) and the ground terminal of each current collector. Before using the grounding terminal, consult a qualified electrician or local electric utility (PPC) having jurisdiction over the codes and ordinances applicable to the intended use of a generator.

2) USE OF A GENERATOR

1) Connection to household appliances

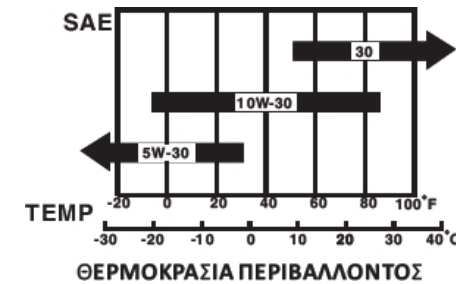
The connection of the generator to the existing household network must be done by an electrician. The connection must insulate the generator from the mains power and comply with the applicable electrical codes.

CAUTION! Incorrect connections to the domestic mains can feed the local supply network. Such an action can be fatal in the event of a power failure and when artificially maintaining the network. For this always consult the PPC or a qualified

Always check the engine oil level before each use, with the engine off.

Use certified oil for a 4-stroke engine. Your dealer can assist you.

SAE 10W-30 is recommended for all use throughout the temperature range. Oils with different viscosities, as shown in the chart below, meet the temperature range:



1. Remove the oil cap and wipe off the level indicator.
2. Check the oil level by inserting the indicator into the filler neck but without screwing it in.
3. If the level is low, then fill with the desired amount up to the allowable level.

1) Fuel specifications

1. Check the fuel level gauge or check the fuel level by opening the tank cap.
2. Fill in if the level is below the permissible level. Do not fill to the top.

- Disconnect one end of the cable from the black terminal of the generator and then the other end from the negative battery terminal.

- Then do the same for another cable.

- Connect the car's ground wire to the negative terminal of the battery.

- Reconnect the ground wire of the car battery.

2) Use at high altitude

At high altitudes, fuel consumption increases and efficiency decreases due to the fuel-air mixture. To improve engine performance you should fit a smaller diameter fuel injector to the carburettor and readjust the check screw. If you always operate the generator at altitudes above 1500 meters, contact a competent dealer who can perform this carburetor change.

Even with this change, the horsepower of the generator engine will decrease by approximately 3.5% for every 300 meters of altitude increase. The effect of altitude on horsepower would have been greater than 3.5% if the modification had not been made.

NOTE! If a high altitude modified generator is used at low altitude, the fuel-air mixture will reduce its efficiency and overheat it, causing damage.

3) PRE-OPERATIONAL CHECK

1) Engine oil

NOTE! Engine oil is essential, affecting both performance and service life. Unapproved type of oil as well as 2-year oil is not recommended as it will

electrician.

CAUTION! In addition, an incorrect connection can electrically energize the generator. In such an eventuality the generator may be damaged or even explode and cause a fire.

1) Grounding system

Be particularly careful to ensure that all required grounding specifications are met each time you use the generating set. Make sure that the generating set is properly grounded. Do not touch live wires or parts of the generating set and do not interconnect wires and conductors with anything that is not properly insulated. Any negligence can have fatal consequences.

Special requirements

Each PPC grid area has specific regulations that apply to the imminent use of a generator. For this, you should consult either a local PPC employee or a qualified electrician, who will set up the generator according to the grid, whether it is to be used in a home or on a construction site.

2) Alternating current applications

Before connecting an electrical appliance or an appliance with the generator, make sure that it is connected to the generator:

- The electrical fittings or the wildcard are not defective to avoid electric shock.

- If the appliance operates abnormally, sluggishly or stops suddenly, turn off the generator immediately. Unplug the appliance and try to see if the problem is either coming from it or the generator has had more electrical load than it can produce.

Make sure that the appliance or application does not require more electrical power than the generator can provide. When not to exceed the maximum electrical

- power that the generator can deliver. The levels between maximum and constant electrical power shall not be used for more than half an hour.

NOTE! An impending voltage overload will trip the AC breaker. If you exceed the usage time of the maximum electrical power of the generator, the breaker will not turn off but the life of the generator will be reduced.

The maximum power usage limits are 30 minutes. For continuous use, do not exceed the rated power. Otherwise the total KW of all connected devices will be taken into account. Electrical appliances and applications always indicate their operating power next to the serial number.

2) AC operation

- Start the motor
- Turn on the AC switch
- Connect the appliance

Most electric loads that have electric motors need more watts when starting. Do not exceed the current limit specified by each application. If an overloaded circuit, turn off the AC breaker, first reduce the electrical load on the circuit, wait a few minutes, then turn the breaker back on.

3) DC operation

DC current is used to charge the 12 volt batteries of cars and motorcycles.

The terminals are coloured to distinguish the poles. Red is the positive pole and black is the negative pole. The battery should be connected to the generator with the correct polarity (the positive pole of the generator with the positive of the battery and the negative of the generator with the negative of the battery).

DC circuit fuse

The DC fuse (rated current: 10 A) will automatically cut off the DC charging circuit when a problem with the battery occurs or when the connection between the battery and the generator is faulty. The safety button will pop out, and the circuit will be interrupted. Wait a few minutes and then push the button in again to activate the fuse.

Connecting the battery cables:

- Before connecting the charging cables to the car battery, you must disconnect the battery ground wire.

CAUTION! The battery may emit flammable gases. Therefore, keep the battery away from sources of fire and do not smoke near it. Charge or use the battery in an area with adequate ventilation.

- Connect the positive end of the cable to the positive pole of the battery and then the other end to the positive terminal of the generator.
- Connect the negative end of the cable to the negative pole of the battery and then the other end to the negative terminal of the generator.
- Start the generator

NOTE! Do not start the car engine when charging the battery, as both the generator and the car may be damaged.

An overload of the DC circuit, due to high current coming from the battery, can blow the fuse. If this happens, wait a few minutes and then turn the fuse back on. If it continues to recur, stop charging and contact your local representative.

Disconnecting the battery cables :

- Switch off the engine