



## **GASOLINE GENERATOR 3KW ROBOMASS NL3500**

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  - Portable design for easy transportation
  - **3kW maximum power output**
  - Durable 1-cylinder, 4-stroke engine
  - **15-liter fuel tank, 12.7 hours runtime**
  - Recoil start for quick operation
  - **Two 230V European sockets**
  - AVR for stable voltage output
  - **Compact and lightweight, 40 kgs**
  - Suitable for emergencies and outdoor activities
  - **Fast Delivery and Warranty**
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## **GASOLINE GENERATOR 3KW ROBOMASS NL3500**

The ROBOMASS NL3500 gasoline generator is an essential tool that provides reliable power in various settings, from residential and commercial to industrial applications. The primary purpose of this generator is to supply electricity during power outages to ensure that essential operations and comfort are maintained. They offer a portable, on-demand power solution that is crucial for

maintaining productivity and safety in environments where continuous power supply is critical. This gasoline generator 3kW model is engineered with a robust 1-cylinder, 4-stroke, air-cooled gasoline engine, providing a rated power output of 2.8 kW and a maximum power output of 3.0 kW. It operates at a frequency of 50 Hz with a single-phase AC voltage of 230V. This feature ensures its compatibility with a wide range of electrical devices and appliances.

The compact and portable design of this 3kW gasoline generator makes it an ideal choice for situations that require a dependable backup power source, such as during power outages, outdoor events, and construction sites that are far away. This generator features a recoil start system, ensuring ease of use and quick start-up. With a fuel tank volume of 15 liters, the NL3500 can run for up to 12.7 hours at 75% load, making it both efficient and practical for extended use.

## TECHNICAL SPECIFICATIONS OF ROBOMASS NL3500 GASOLINE GENERATOR

The ROBOMASS NL3500 is built to deliver consistent power and performance, thanks to its well-crafted technical specifications. The generator features a 1-cylinder, 4-stroke, air-cooled gasoline engine, designated as the 170F model, with an engine displacement of 212cc. This engine type is known for its durability and efficiency, ensuring long-term reliability and low maintenance requirements.

The gas generator operates at a frequency of 50 Hz and provides a single-phase AC voltage of 230V. It is equipped with two 230V (16A) European sockets, allowing for the simultaneous connection of multiple electrical devices. The alternator is made of 100% copper with a brush and AVR (Automatic Voltage Regulator), which helps maintain stable voltage output and protects connected devices from voltage fluctuations.

Dimensions of the ROBOMASS NL3500 are 605x440x440mm, making it compact enough for easy transportation and storage. Despite its sturdy construction, the generator weighs only 40 kgs, ensuring portability without compromising on performance. The fuel tank capacity of 15 liters allows for extended operation, and the generator's design includes features to facilitate easy refueling and maintenance. The DC output is rated at 12V/8.3A, providing additional versatility for charging batteries and powering DC-operated equipment.

## TECHNICAL SPECIFICATIONS OF ROBOMASS NL3500 GASOLINE GENERATOR

Specification	ROBOMASS NL3500
Rated Power	2.8 kW
Max Power	3.0 kW
Frequency	50 Hz
AC Voltage	230V
Phase	1 phase
Starting System	Recoil start
DC Output	12V/8.3A
Socket	2x230V(16A) European sockets
Alternator	100% Copper, Brush with AVR

<b>Engine Type</b>	1-cylinder, 4-stroke, air-cooled, gasoline engine
<b>Engine Model</b>	170F
<b>Engine Displacement</b>	212cc
<b>Fuel Type</b>	Gasoline
<b>Fuel Tank Volume</b>	15L
<b>Run Time at 75% Load (hours)</b>	12.7
<b>Dimension (L x W x H)</b>	605x440x440mm
<b>Weight</b>	40kgs

## COMPONENTS AND KEY FEATURES OF GASOLINE GENERATOR 3KW

This gasoline generator 3kW is built with high-quality components that enhance its functionality and user experience:

**Fuel Tank:** The large 15-liter fuel tank ensures extended operation, reducing the need for frequent refueling.

**Exhaust Muffler:** The exhaust muffler is designed to minimize noise, providing quieter operation.

**Grounding Terminal (for QS/QH type):** This ensures safe operation by allowing the generator to be grounded properly.

**AC Receptacle:** Equipped with two 230V (16A) European sockets, it allows for multiple devices to be connected simultaneously.

**Carburetor Valve:** The carburetor valve ensures the proper mix of air and fuel for optimal engine performance.

**Starter Handle:** The recoil start system with an easy-to-use starter handle ensures quick and reliable start-up.

**Fuel Valve:** The fuel valve controls the flow of gasoline to the engine, which is essential for starting and stopping the generator.

**Air Cleaner:** The air cleaner ensures that clean air enters the engine, improving efficiency and reducing wear.

**Framework:** The sturdy framework provides protection and stability to the generator, ensuring durability.

**Spark Plug:** A high-quality spark plug ensures reliable ignition and efficient combustion.

**Fuel Tank Cap:** The secure fuel tank cap prevents fuel spillage and contamination.

**AC Breaker:** The AC breaker protects the generator and connected devices from overloading and short circuits.

**Oil Filler Cap:** The oil filler cap allows for easy maintenance and ensures the engine is properly lubricated.

**Engine Switch:** The engine switch controls the operation of the generator, providing a straightforward on/off function.

## **PERFORMANCE AND APPLICATIONS OF ROBOMASS NL3500 GASOLINE GENERATOR**

The performance of the ROBOMASS NL3500 is optimized for both residential and industrial applications. It provides reliable power during emergencies, outdoor activities, and in remote locations where access to the grid is limited. The generator's robust engine and efficient fuel consumption ensure consistent performance, making it suitable for powering a variety of devices, from household appliances to power tools.

## **USER-FRIENDLY DESIGN AND SAFETY FEATURES GASOLINE GENERATOR**

The generator's user-friendly design includes a recoil start system for easy operation and a control panel with clearly labeled sockets and switches. Safety features are integral to the design, such as the AVR, which stabilizes voltage output, and protective covers for the sockets to prevent accidental contact. The generator is also equipped with low oil shut-off and overload protection to safeguard both the user and the equipment.

## **BENEFITS AND ADVANTAGES OF GASOLINE GENERATOR 3KW**

Using the ROBOMASS NL3500 gas generator offers numerous benefits and advantages, including:

### **Increased Efficiency**

The generator's efficient fuel consumption and long run time at 75% load (12.7 hours) ensure that you get the most out of every tank of gasoline. This efficiency translates to cost savings over time, as less fuel is required to generate the same amount of power compared to less efficient models.

### **Cost Savings**

In addition to fuel efficiency, the generator's durable construction and low maintenance requirements contribute to overall cost savings. The 100% copper alternator and robust engine components are designed to withstand extended use, reducing the frequency and cost of repairs and replacements.

### **Improved Performance**

The NL3500's stable voltage output, thanks to the AVR, ensures that connected devices operate smoothly and are protected from voltage fluctuations. This reliability is crucial for sensitive electronics and equipment, preventing damage and prolonging their lifespan.

### **Competitive Advantages**

With its combination of power, portability, and user-friendly design, the ROBOMASS NL3500 stands out in the market. The ability to provide reliable power in various settings, from residential to industrial, gives users a versatile and dependable solution for their energy needs.

# HOW TO USE THE GASOLINE GENERATOR 3KW ROBOMASS NL3500

Using the ROBOMASS NL3500 gasoline generator is straightforward, but it's essential to follow the proper steps and safety guidelines to ensure optimal performance and safety. Here's a comprehensive guide on how to use this generator:

## 1. Preparation Before Use

- **Location:** Place the generator in a well-ventilated area to prevent carbon monoxide buildup. Ensure the ground is dry and level.
- **Fueling:** Ensure the generator is turned off and cool before adding fuel. Use only unleaded gasoline and fill the tank to the recommended level (15 liters).
- **Oil Check:** Verify the oil level using the oil filler cap and add oil if necessary. Use the oil type recommended in the user manual.

## 2. Starting the Generator

- **Fuel Valve:** Open the fuel valve to allow gasoline to flow to the engine.
- **Choke:** Set the choke lever to the "closed" position if the engine is cold. For a warm engine, set it to "open."
- **Recoil Start:** Grip the starter handle and pull it slowly until resistance is felt, then pull briskly. Repeat until the engine starts.
- **Choke Adjustment:** Once the engine starts, gradually move the choke lever to the "open" position.

## 3. Operating the Generator

- **Load Connection:** Plug your devices into the generator's 230V (16A) European sockets. Ensure the total load does not exceed the rated power of 2.8 kW.
- **Monitoring:** Regularly check the generator's operation and fuel level. Ensure it runs smoothly without unusual noises or vibrations.
- **Voltage Regulation:** The Automatic Voltage Regulator (AVR) will maintain stable voltage output to protect your devices from voltage fluctuations.

## 4. Shutting Down the Generator

- **Load Disconnection:** Unplug all connected devices before turning off the generator.
- **Engine Switch:** Turn the engine switch to the "off" position.
- **Fuel Valve:** Close the fuel valve to stop the fuel flow and prevent leaks.
- **Cooling:** Allow the generator to cool down before storing or refueling.

## 5. Maintenance Tips

- **Regular Inspection:** Check and maintain the oil level, air cleaner, and spark plug regularly. Replace or clean components as needed.
- **Fuel System:** Drain the fuel tank and carburetor if the generator will not be used for an extended period to prevent gum deposits.
- **Storage:** Store the generator in a dry, clean, and well-ventilated area. Cover it to protect against dust and moisture.

## 6. Safety Precautions

- **Ventilation:** Always operate in an open area to avoid carbon monoxide poisoning.

- **Dry Conditions:** Keep the generator dry and never operate it in the rain or wet conditions.
- **Refueling:** Turn off and cool down the generator before refueling to prevent fire hazards.
- **Flammable Materials:** Keep flammable materials away from the generator to avoid fire risks.
- **Personal Protective Equipment (PPE):** Wear appropriate PPE such as gloves and eye protection when handling the generator.

By following these steps and safety guidelines, you can ensure the safe and efficient use of the ROBOMASS NL3500 gasoline generator. This versatile generator provides reliable power for a wide range of applications, making it a valuable tool for residential, commercial, and industrial use.

## WHERE TO USE GASOLINE GENERATOR 3KW

The versatility of the ROBOMASS NL3500 makes it suitable for a wide range of applications and uses:

- **Residential Use** - The generator is an excellent backup power source for homes during power outages, ensuring that essential appliances and devices remain operational. Its compact size and portability make it easy to store and deploy when needed.
- **Outdoor Activities** - For outdoor enthusiasts, the NL3500 is an ideal companion for camping trips, RVs, and other recreational activities. It provides reliable power for lighting, cooking appliances, and entertainment devices, enhancing the overall experience.
- **Construction Sites** - In the construction industry, the generator's robust performance and portability make it a valuable asset for powering tools and equipment on-site. Its durable design ensures it can withstand the rigors of construction environments.
- **Emergency Situations** - During emergencies, such as natural disasters or power grid failures, the NL3500 offers a dependable power solution. Its long run time and ease of operation make it a critical resource for maintaining communication, lighting, and essential services.

## IS GASOLINE GENERATOR 3KW SAFE TO USE?

Operating the ROBOMASS NL3500 gasoline generator safely requires adherence to several important precautions:

- **Ventilation** - Always operate the generator in a well-ventilated area to avoid the risk of carbon monoxide poisoning. This harmful gas is colorless and odorless and can accumulate quickly in enclosed spaces, posing serious health risks.
- **Dry Environment** - Ensure that the generator is kept dry at all times to prevent electrical hazards. Operating the generator in wet conditions or exposing it to rain can lead to short circuits or electrical shocks, which can be dangerous.
- **Refuelling** - Never refuel the generator while it is running or still hot, as this can result in fire hazards. Turn off the generator and let it cool down before refueling to avoid accidental ignition of the gasoline.
- **Flammable Materials** - Keep all flammable materials, including gasoline and other fuels, away from the generator. Proper storage and handling of these materials are essential to prevent fires and explosions.
- **Personal Protective Equipment (PPE)** - Use appropriate personal protective equipment (PPE) when handling the generator. Gloves and eye protection can prevent injuries from hot surfaces, moving parts, and accidental fuel spills.

## **PRICE OF GASOLINE GENERATOR 3KW**

The ROBOMASS NL3500 stands out as a cost-effective solution in the generator market. It delivers robust features and reliable performance at an attractive price point. Usually, the generator prices in the market vary based on factors like power output, engine type, and features, typically ranging from €200 to over €1,000. The ROBOMASS NL3500 combines performance, durability, and user-friendly features, justifying its competitive price.

## **BUY GASOLINE GENERATOR 3KW**

Buy Gasoline Generator 3kw online or request an offer. The ROBOMASS NL3500 gasoline generator is a versatile and reliable power solution designed to meet a variety of energy needs. Its efficient fuel consumption, robust construction, and user-friendly design make it an excellent choice for both residential and industrial applications. Whether you need a backup power source for your home, a dependable gas generator for outdoor activities, or a reliable power solution for construction sites, the NL3500 delivers consistent performance and peace of mind.

For more information or to purchase the ROBOMASS NL3500 Gasoline Generator 3kw, simply click on the "Buy Now" button or GET OFFER or contact our sales team. Invest in this gasoline generator 3kW's reliable power for diverse applications and ensure you have the power you need whenever and wherever you need it.