

# HAHN & SOHN

## CATALOG

### Generators Hahn & Sohn

SERVICE AND SUPPORT

HOW TO CHOOSE THE RIGHT ONE  
POWER PLANT  
AND OTHER USEFUL TIPS

INVERTER  
GASOLINE  
DIESEL  
AND INDUSTRIAL  
POWER GENERATORS

2026





## CONTENTS

**HAHN**  
& SOHN

**04**

HAHN & SON

**06**

HOW TO CHOOSE THE  
IDEAL POWER PLANT

**07**

WHY OWN A POWER  
PLANT

**08**

INSTALLATION  
AND  
COMMISSIONING

**11**

MAINTENANCE

**12**

INNOVATION AND  
TECHNOLOGY

**15**

TECHNOLOGY  
AND PROCESSING

**17**

INVERTER  
CENTRALS

**27**

PETROL  
STATIONS

**35**

DIESEL GENERATORS

**43**

INDUSTRIAL POWER  
PLANTS

**49**

CONTACT

## Reliable power plants

Hahn & Sohn power generators are designed for situations where electrical power cannot fail. Whether it is a construction site, industrial operation, company, municipality or backup power supply for a facility, our power generators provide stable performance, long service life and reliable operation even in demanding conditions.

Each model is created with an emphasis on real field use, not just laboratory parameters.

## About the Hahn & Sohn brand

The Hahn & Sohn brand was created based on many years of experience in the sale, service and operation of power plants. We meet specific customer requirements every day - we know where conventional technology fails and what is really important in practice.

Our goal is to offer power plants that: they start when they have to, maintains performance even under load, are serviceable and repairable, they have spare parts available.

## Why Hahn & Sohn power plants?

- Robust construction suitable for long-term operation
- Stable output voltage for sensitive devices
- Proven engines and components
- Single-phase and three-phase versions (1f / 3f)
- Diesel and gasoline variants
- Can be used as a backup source
- Service facilities in the Czech Republic

It's not just about performance on the label - it's about reliability in operation.



## **Solutions for different needs**

Hahn & Sohn power generators are mainly used for:  
on construction and assembly sites  
in industrial plants and workshops  
as a backup energy source for companies and buildings  
for municipalities, technical services and IRS  
in remote locations without network connection  
Thanks to a wide range of performances and configurations, we can offer solutions exactly according to your needs.

## **Proper performance is the foundation**

When choosing a generator, we emphasize the correct power dimensioning. Underestimated power leads to a shortened service life of the device and connected appliances.

That's why we always help customers:  
with calculation of required power  
with choice of 1f / 3f operation  
with a recommendation of a suitable type of generator

## **Service and technical support**

Robust construction suitable for long-term operation  
Stable output voltage for sensitive devices  
Proven engines and components  
Single-phase and three-phase versions (1f / 3f)  
Diesel and gasoline variants  
Can be used as a backup source  
Service facilities in the Czech Republic  
It's not just about performance on the label - it's about reliability in operation.

## **Hahn & Sohn - energy that won't disappoint**

Hahn & Sohn generators are designed for those who need certainty: certainty of performance, start-up and long-term functionality.



# HOW TO CHOOSE THE IDEAL POWER PLANT

**1**

## The importance of performance

A single-phase generator is sufficient for normal operation and will power appliances such as lamps, lighter construction tools, measuring equipment, televisions or computers. A three-phase generator has a higher output and can comfortably operate a fully electronically equipped family home. However, it is necessary to take into account the power when powering single-phase appliances.

**2**

## Capacity

Capacitance regulation is typical for most generators and works using capacitors. It can handle even higher initial engine loads and is suitable for connecting common electrical appliances. AVR regulation is particularly suitable for powering sensitive appliances with fluctuating voltage. It can equalize the voltage with a tolerance of approximately  $\pm 2\%$ , so you can safely connect sensitive electronics to it. Compound regulation is suitable for compressors, circular saws and other more demanding appliances that create higher loads when started and are equipped with asynchronous motors.

**3**

Inverter, petrol or diesel?

Petrol generators are very popular due to their wide range of uses and lower weight. They are used to power smaller single-phase appliances and can also be used as a backup source for family homes. Diesel generators offer higher power. They are ideal for long-term operation and are able to supply several single-phase and three-phase appliances simultaneously. Gas/LPG generators are more environmentally friendly and less demanding on operating costs. They have a wide range of uses, suitable for garden equipment, workshops, repair shops and common household appliances.

---

First of all, clarify your purpose. One generator will be useful for a cottage or tent, another for running a family home or business. In this case, it pays to measure twice and choose once, because the lack of electricity is then very difficult to solve quickly.

# KEY REASONS TO OWN A POWER PLANT

A power plant (electric generator) is a device that can function as a backup source of electrical energy in the event of a power outage, or as a backup source in places where it is not possible to connect to the grid at all.



## From healthcare to crafts

If you need to have electrical medical devices constantly in operation for medical reasons, a backup generator is a great choice to avoid worrying about a possible outage.

DIY enthusiasts then have a power source available even in the field, and children will certainly appreciate that it is never dark at night and they can always rely on a night lamp.



## Choose the right type

Large and powerful types are used in hospitals, factories, business centers and wherever there is a need to protect devices and secure them against power outages.

Smaller, but still very powerful, power plants can be used to operate your family homes or cottages. This allows you to comfortably stay in nature for longer periods of time and enjoy all the comforts of modern technology.

Portable power generators can be used in a caravan or under a tent. In today's modern world, which allows you to travel freely all year round, they are a great helper for digital nomads.



# INSTRUCTIONS FOR INSTALLING AND COMMISSIONING THE HAHN & SOHN GENERATOR

Initial generator start-up is an important process that must be performed correctly to prevent damage to the equipment and ensure proper operation. Here are the steps to take when preparing the central unit for its initial start-up.

**1**

## Reading the manual

Always read the user manual that came with your generator. The manual should contain specific instructions for installing and operating the generator, including safety instructions.

**2**

## Installation

The generator should be installed on a solid, level surface that is strong enough to support its weight. It should also be located away from windows and doors to prevent exhaust fumes from entering the building. Also, remember to ground the generator or connect it to the battery if the generator has one.

**3**

## Oil check

The oil level should be checked before starting the generator. The oil level should be checked when the generator is off and cool. Most generators have a dipstick or other oil level indicator that makes it easy to check that the oil level is within a safe range. If the oil level is low, top up as directed in the manual.

When adding oil, it is important to use the type of oil recommended by the generator manufacturer. Using the wrong type of oil can damage the engine and shorten its life.

In addition to checking the oil level, the oil in the generator should also be changed regularly, again according to the manufacturer's recommendations. Old or contaminated oil can cause excessive wear and can reduce the efficiency of the engine.



## 4

### Fuel check

**Checking the fuel level in your generator is another key step to take before starting it and regularly during operation. In order for your generator to function properly, it must always have enough fuel. Most generators have a fuel level indicator that makes it easy to check how much fuel is in the tank. If the fuel level drops below a certain level, it needs to be topped up. Never overfill the tank and always leave some room for the fuel to expand.**

**It is important to follow safety instructions and procedures when refueling. Fuel should be stored in a container designated for this purpose and refueling should be done away from open flames or other heat sources that could cause the fuel to ignite.**



If you do not plan to use your generator for a long time, you should consider draining the tank and cleaning the fuel system to prevent damage caused by old or degraded fuel.

In all cases, it is important to follow the generator manufacturer's instructions regarding the type of fuel that should be used and the frequency of fuel system maintenance. Following these instructions will ensure that your generator performs at its best and for as long as possible.

## 5

### Before starting

In addition to checking the fuel and oil, it is also necessary to check the visual and technical condition of the generator to see if it is damaged, broken, etc. If you find any defect on the generator, do not start the generator and contact the manufacturer or an authorized service center.

## 6

### Launch

Turn on the generator according to the instructions in the manual. Some generators may require a few minutes of "idle running" before connecting the load.



**7**

## Load connection

Connect the load (the equipment that the generator will power) to the generator. Connect the equipment to the generator in sequence. Make sure that the total load does not exceed the generator's rated power.

**8**

## Control

After starting the generator, carefully monitor it to make sure it is working properly. If any problem occurs, turn off the generator and seek professional help. Remember, safety comes first. Always follow the safety instructions in the manual and never operate the generator unless you are completely sure what you are doing.

# MAINTENANCE

Generator maintenance includes regular care of oil, air and fuel filters, which are key to keeping your generator running smoothly and reliably. Here are some important steps you should take.

1

## Oil filter

The oil filter is used to trap dirt and particles in the oil. Replace it regularly according to the manufacturer's recommendations or in accordance with operating conditions. It is recommended to change the oil itself along with changing the oil filter.

2

## Air filter

The air filter prevents dirt and dust from entering the engine. It must be checked regularly, cleaned or replaced if necessary according to the manufacturer's recommendations. In case of operation in dusty environments, it is recommended to check the filter more often.

3

## Fuel filter

The fuel filter prevents dirt and harmful particles from entering the fuel system. The clogging of the fuel filter is determined by the quality of the fuel used, which affects the service life of the fuel filter. Replacement should be carried out according to the manufacturer's recommendations.



# INNOVATION AND TECHNOLOGY IN HAHN & SOHN POWER PLANTS

## ATS - Automatic Transfer Switch

An automatic transfer switch (ATS) is a device that automatically switches power from a primary source (such as the utility) to a backup source (such as a generator) when the primary power fails. Once the primary power source is restored, the ATS automatically switches it back.

ATS is often used in areas where it is absolutely essential to have uninterrupted access to power, such as hospitals, data centers, manufacturing plants, etc. Without an automatic transfer switch, it would be necessary to manually connect the backup power source in the event of an outage, which could lead to unwanted interruptions.

In today's modern era, automatic switches are becoming common not only in industrial premises, but also in environments such as family homes or cottages. The goal is of course to simplify the handling of power outages and their restoration, making them as convenient as possible and not requiring manual intervention from users.

Diesel generators, such as the HDE 9000SS3 and HDE 15000EA3, are equipped with an ATS input on the control panel, where the connection cable is connected.

## VTS - Voltage Transfer Switch

Many generators can provide both 230 V and 400 V voltages, which means that they can operate in single-phase or three-phase mode. However, it is important to remember that at 400 V the generators can deliver their full power, while at 230 V they only provide a third of their power. However, most generators from the Hahn & Sohn brand are equipped with a practical VTS switch. Thanks to this switch, you can easily switch between 230 V and 400 V voltages with almost no loss of power. So you can choose the voltage you need without worrying about a significant drop in power.

## Display

Hahn & Sohn generators are designed to be as user-friendly as possible. Their user-friendliness is underlined by a practical display that clearly shows you all the important information, such as the generator frequency, its voltage, the number of operating hours from the current start of the generator to the total number of operating hours.

## Preheater - preheater

Starting a diesel engine when cold can increase engine wear and potentially reduce its service life. Diesel generators are therefore equipped with an engine preheating function. This practical feature makes starting in cold weather much easier and extends the life of the engine.

## Soundproofing

The hooded models of diesel generators, such as the HDE 15000SA3, are equipped with anti-noise foam inside. This feature significantly eliminates engine noise, which increases comfort during use. Soundproofing proves to be very beneficial especially in densely populated areas, family houses and wherever it is necessary to reduce generator noise as much as possible.

## Economy mode

With inverter generators, you have the option to control the engine speed using a button on the generator control panel. If you are only using the generator up to a maximum of 70%, you can reduce the speed and thus save fuel.

## Inverter technology

This technology allows alternating current (AC) to be converted to direct current (DC) and then back to AC. This allows precise control of the power and speed of devices, making them more efficient, energy-efficient and precise in operation.

In the case of generators, inverter technology allows the generator to produce a cleaner and more stable output voltage, which is ideal for sensitive electronic devices such as computers, televisions or mobile phones. Additionally, inverter generators generally run at lower RPM, making them quieter and lighter than traditional generators with AVRs.

## AVR - Automatic Voltage Regulation

Automatic Voltage Regulation (AVR) is an important component of generators. Its main function is to maintain a constant voltage level and frequency of 50 Hz, regardless of changes in load or input voltage.

Without an AVR, the generator output voltage could fluctuate depending on the load, which could damage connected equipment or cause it to malfunction. The AVR monitors the generator output voltage and automatically adjusts it to keep it constant. It also acts as a surge protector and protects the generator from overloading.

## Oil sensor

The generator oil sensor is an important component that monitors the oil level in the generator. Its main role is to warn the user when the oil level drops below a safe level, which could damage the generator engine.

When the oil level drops below a critical level, the oil sensor will activate a warning signal or shut down the generator to prevent engine damage caused by lack of lubrication. This can extend the life of the generator and prevent costly repairs or replacements. If the oil level is insufficient, the generator will not even start, which also prevents engine damage.



## Emission class - Euro 5 (Euro V)

The Euro 5 emission class is a set of emission standards set by the European Union that determine the maximum permitted emissions of harmful substances from engines in passenger cars and light commercial vehicles. The standards were introduced in 2009 and are followed by the Euro 6 standards.

The Euro 5 emission class also applies to generators powered by internal combustion engines. Generators that meet this standard have lower emissions of harmful substances, including nitrogen oxides, hydrocarbons, carbon monoxide and particulate matter.

Similar to cars, these standards aim to reduce air pollution caused by the burning of fossil fuels, thereby protecting the environment and public health. Generators that meet the Euro 5 standard are generally considered cleaner and more environmentally friendly than those that do not.

All Hahn & Sohn diesel generators meet the Euro 5 emission class.

# TECHNOLOGY AND PROCESSING



## Intuitive control panel

Current news, device statuses and real-time control.



## Easy application

Technical solutions that allow you to easily access important parts of the headquarters.



## User safety

Ergonomically arranged important safety features.



## Reliable drive

The drive is adapted to work in various temperature and humidity conditions.



## Comfort in use

Comfort of use thanks to internal soundproofing and lighting.



## High standard of workmanship

High-quality coatings and galvanized steel are resistant to weather and adverse conditions.



# TECHNICAL PARAMETERS

INVERTER



GASOLINE



DIESEL



INDUSTRIALLY



# INVERTER

## GENERATORS

### PRODUCT OVERVIEW INVERTER GENERATORS



INVERTER GENERATOR  
HAHN & SOHN  
HIG 2400



INVERTER GENERATOR  
HAHN & SOHN  
HIG 3000



INVERTER GENERATOR  
HAHN & SOHN  
HIG 3500



INVERTER GENERATOR  
HAHN & SOHN  
HIG 3500 - MODEL 2025



INVERTER GENERATOR  
HAHN & SOHN  
HIG 4200 G ATS



INVERTER GENERATOR  
HAHN & SOHN  
HIG 5500 G ATS



INVERTER GENERATOR  
HAHN & SOHN  
HIG 7000



INVERTER GENERATOR  
HAHN & SOHN  
HIG 9500 G E3 ATS



<b>Weight</b>	19 kg	31 kg	48 kg	24 kg	30,5 kg	46 kg	130 kg	105 kg
<b>Maximum power</b>	2,4 kW	2,5 kW	3,3 kW	3,5 kW	4,2 kW (GAS) 3,8 kW (LPG)	5,5 kW (GAS) 5,0 kW (LPG)	6 kW	9,5 kW (GAS) 8,55 kW (LPG)
<b>Rated power</b>	2,2 kW	2,3 kW	3 kW	3,2 kW	3,8 kW (GAS) 3,4 kW (LPG)	5,0 kW (GAS) 4,4 kW (LPG)	7 kW	9,0 kW (GAS) 8,1 kW (LPG)
<b>Output voltage</b>	230V/50Hz	230V/50Hz	230V/50Hz	230V/50Hz	230V/50Hz	230V/50Hz	230V/50Hz	230V/400V/50Hz
<b>Starter</b>	small	small	manual/electric	small	manual/electric	manual/electric	electric	manual/electric
<b>Displacement</b>	100 cm <sup>3</sup>	182 cm <sup>3</sup>	212 cm <sup>3</sup>	181 cm <sup>3</sup>	181 cm <sup>3</sup>	224 cm <sup>3</sup>	212 cm <sup>3</sup>	500 cm <sup>3</sup>
<b>Tank volume</b>	4 l	4,5 l	10 l	4,8 l	7,5 l	12,5 l	25 l	29,8 l
<b>Noise level</b>	93 dB(A)	95 dB(A)	95 dB(A)	97 dB(A)	97 dB(A)	96 dB(A)	96 dB(A)	97 dB(A)
<b>EAN</b>	8594210231887	8594210230071	8594210230026	8594210231856	8594210231863	8594210231870	8594210230040	8594210231900
<b>Product code</b>	20095	7245	105412	20059	20062	20086	5214	20531



Mobile and compact devices that can provide stable and clean energy, which is also suitable for sensitive electronic devices. Especially suitcase inverters, thanks to their small size and low weight, are very suitable for camping, whether in a tent or a motorhome, and you don't have to worry about charging your mobile phone or laptop.



## Hahn & Sohn H IG 2400

<b>Maximum power</b>	2,4 kW	<b>Displacement</b>	100 cm <sup>3</sup>
<b>Rated power</b>	2,2 kW	<b>Fuel tank capacity</b>	4 l
<b>Output voltage</b>	230V	<b>Oil tank volume</b>	0,4 l
<b>Rated current</b>	9,6 A	<b>Consumption at 50% load</b>	0.66 l/h
<b>Frequency</b>	50 Hz	<b>Starter</b>	small
<b>Noise level</b>	93 dB	<b>Weight</b>	19 kg
<b>Sockets</b>	2x 230V (16A)	<b>Dimensions</b>	445 × 290 × 440 mm
<b>Voltage regulation</b>	inverters	<b>EAN</b>	8594210231887
<b>Motor</b>	Single cylinder, four-stroke, OHV, air-cooled	<b>Product code</b>	20095





## Hahn & Sohn H IG 3000

<b>Maximum power</b>	2,5 kW	<b>Displacement</b>	182 cm <sup>3</sup>
<b>Rated power</b>	2,3 kW	<b>Fuel tank capacity</b>	4,5 l
<b>Output voltage</b>	230V	<b>Oil tank volume</b>	0,6 l
<b>Rated current</b>	10 A	<b>Consumption at 50% load</b>	0.8 l/h
<b>Frequency</b>	50 Hz	<b>Starter</b>	small
<b>Noise level</b>	95 dB	<b>Weight</b>	31 kg
<b>Sockets</b>	2x 230V (16A) 1x 12V (8,3A)	<b>Dimensions</b>	565 × 339 × 467 mm
<b>Voltage regulation</b>	inverters	<b>EAN</b>	8594210230071
<b>Motor</b>	Single-cylinder, air-cooled, OHV	<b>Product code</b>	7245





## Hahn & Sohn H IG 3500

<b>Maximum power</b>	3,3 kW	<b>Displacement</b>	212 cm <sup>3</sup>
<b>Rated power</b>	3 kW	<b>Fuel tank capacity</b>	10 l
<b>Output voltage</b>	230V	<b>Oil tank volume</b>	0,6 l
<b>Rated current</b>	13 A	<b>Consumption at 50% load</b>	1.12 l/h
<b>Frequency</b>	50 Hz	<b>Starter</b>	manual/electric
<b>Noise level</b>	95 dB	<b>Weight</b>	48 kg
<b>Sockets</b>	2x 230V (16A) 1x 12V (8,3A)	<b>Dimensions</b>	570 × 440 × 555 mm
<b>Voltage regulation</b>	inverters	<b>EAN</b>	8594210230026
<b>Motor</b>	Single cylinder, 4-stroke, air-cooled, OHV	<b>Product code</b>	105412





## Hahn & Sohn H IG 3500 - model 2025

<b>Maximum power</b>	3,5 kW	<b>Displacement</b>	181 cm <sup>3</sup>
<b>Rated power</b>	3,2 kW	<b>Fuel tank capacity</b>	4,8 l
<b>Output voltage</b>	230V	<b>Oil tank volume</b>	0,45 l
<b>Rated current</b>	13,9 A	<b>Consumption at 50% load</b>	0.8070 l/h
<b>Frequency</b>	50 Hz	<b>Starter</b>	small
<b>Noise level</b>	97 dB	<b>Weight</b>	24 kg
<b>Sockets</b>	2x 230V (16A)	<b>Dimensions</b>	490 × 305 × 465 mm
<b>Voltage regulation</b>	inverters	<b>EAN</b>	8594210231856
<b>Motor</b>	Single-cylinder, four-stroke, air-cooled	<b>Product code</b>	20059





## Hahn & Sohn H IG 4200 G ATS

<b>Maximum power</b>	4,2 kW (GAS) 3,8 kW (LPG)	<b>Displacement</b>	181 cm <sup>3</sup>
<b>Rated power</b>	3,8 kW (GAS) 3,4 kW (LPG)	<b>Fuel tank capacity</b>	7,5 l
<b>Output voltage</b>	230V	<b>Oil tank volume</b>	0,45 l
<b>Rated current</b>	16,5 A	<b>Consumption at 50% load</b>	1.2540 l/h
<b>Frequency</b>	50 Hz	<b>Starter</b>	manual/electric
<b>Noise level</b>	97 dB	<b>Weight</b>	30,5 kg
<b>Sockets</b>	2x 230V (16A)	<b>Dimensions</b>	545 × 365 × 493 mm
<b>Voltage regulation</b>	inverters	<b>EAN</b>	8594210231863
<b>Motor</b>	4-stroke, single cylinder, OHV, air-cooled	<b>Product code</b>	20062





## Hahn & Sohn H IG 5500 G ATS

<b>Maximum power</b>	5,5 kW (GAS) 5,0 kW (LPG)	<b>Displacement</b>	224 cm <sup>3</sup>
<b>Rated power</b>	5,0 kW (GAS) 4,4 kW (LPG)	<b>Fuel tank capacity</b>	12,5 l
<b>Output voltage</b>	230V	<b>Oil tank volume</b>	0,6 l
<b>Rated current</b>	21,7 A	<b>Consumption at 50% load</b>	1,4 l/h
<b>Frequency</b>	50 Hz	<b>Starter</b>	manual/electric
<b>Noise level</b>	96 dB	<b>Weight</b>	46 kg
<b>Sockets</b>	1 x 230 V (16 A) 1 x 230 V (32 A)	<b>Dimensions</b>	592 x 405 x 560 mm
<b>Voltage regulation</b>	inverters	<b>EAN</b>	8594210231870
<b>Motor</b>	4-stroke, single cylinder, OHV, air-cooled	<b>Product code</b>	20086





## Hahn & Sohn H IG 7000

<b>Maximum power</b>	7 kW	<b>Displacement</b>	212 cm <sup>3</sup>
<b>Rated power</b>	6 kW	<b>Fuel tank capacity</b>	25 l
<b>Output voltage</b>	230V	<b>Oil tank volume</b>	1,45 l
<b>Rated current</b>	26 A	<b>Consumption at 50% load</b>	2.7 l/h
<b>Frequency</b>	50 Hz	<b>Starter</b>	electric
<b>Noise level</b>	96 dB	<b>Weight</b>	130 kg
<b>Sockets</b>	2 x 230 V (16 A) 1 x 230 V (32 A)	<b>Dimensions</b>	950 × 765 × 773 mm
<b>Voltage regulation</b>	inverters	<b>EAN</b>	8594210230040
<b>Motor</b>	Single cylinder, 4-stroke, air-cooled, OHV	<b>Product code</b>	5214





## Hahn & Sohn H IG 9500 G E3 ATS

<b>Maximum power</b>	9,5 kW (GAS) 8,55 kW (LPG)	<b>Displacement</b>	500 cm <sup>3</sup>
<b>Rated power</b>	9,0 kW (GAS) 8,1 kW (LPG)	<b>Fuel tank capacity</b>	29,8 l
<b>Output voltage</b>	230 V / 400 V	<b>Oil tank volume</b>	1,2 l
<b>Rated current</b>	13 A / 16,2 A	<b>Consumption at 50% load</b>	2,97 l/h
<b>Frequency</b>	50 Hz	<b>Starter</b>	manual/electric
<b>Noise level</b>	97 dB	<b>Weight</b>	105 kg
<b>Sockets</b>	1 x 230 V (16 A) 1 x 400 V (16 A)	<b>Dimensions</b>	848 x 645 x 710 mm
<b>Voltage regulation</b>	inverters	<b>EAN</b>	8594210231900
<b>Motor</b>	Single cylinder, 4-stroke, air-cooled, OHV	<b>Product code</b>	20531





**HAHN**  
& SOHN  
GENERATORS  
INVERTER  
H-IC 7000

# GASOLINE

## GENERATORS

### PRODUCT OVERVIEW - GASOLINE GENERATORS



GASOLINE  
GENERATOR HAHN &  
SOHN HGG  
3100X/3100E AVR



GASOLINE  
GENERATOR HAHN &  
SOHN HGG 5500 X-H



GASOLINE  
GENERATOR HAHN &  
SOHN HGG 8000X



GASOLINE  
GENERATOR HAHN &  
SOHN HGG 8000 X3



GASOLINE  
GENERATOR HAHN &  
SOHN HGG11000E-  
EA3R



GASOLINE  
GENERATOR HAHN &  
SOHN HGG11000E-  
EA3R ATS



<b>Weight</b>	40 kg	79 kg	86 kg	89 kg	105 kg	104 kg
<b>Maximum power</b>	3.3 kW	5.5 kW	6.5 kW	3.3 kW (230 V) 6.5 kW (400 V)	8.5 kW (230 V / 400 V)	8.5 kW
<b>Rated power</b>	3 kW	5 kW	6 kW	3kW (230V) 6kW (400V)	8 kW (230 V / 400 V)	8 kW
<b>Output voltage</b>	230V/50Hz	230V/50Hz	230V/50Hz	230V/400V/50Hz	230V/400V/50Hz	230V/50Hz
<b>Starter</b>	3100X - manual 3100E - electric	small	small	small	manual, electric	manual, electric
<b>Displacement</b>	212 cm <sup>3</sup>	389 cm <sup>3</sup>	420 cm <sup>3</sup>	420 cm <sup>3</sup>	500 cm <sup>3</sup>	500 cm <sup>3</sup>
<b>Tank volume</b>	9 l	18 l	25 l	25 l	25 l	25 l
<b>Noise level</b>	96 dB	96 dB(A)	97 dB(A)	97 dB(A)	97 dB(A)	97 dB(A)
<b>EAN</b>	3100X - 8594210230095 3100E - 8594210230149	8594210230163	8594210230125	8594210230156	8594210231054	8594210231047
<b>Product code</b>	3100X - 9176 3100E - 7569	9178	7410	9177	19210	19207



Gasoline generators are among the most commonly used. They are more suitable for shorter and less demanding operations. They are suitable, for example, for a garden without an electrical connection, where they are great for operating garden machinery or lighting in a cottage. However, they can also be used as a short-term source of energy for the house. Compared to diesel power plants, gasoline generators are usually smaller and are easily moved.



## Hahn & Sohn HGG 3100X/3100E AVR

<b>Maximum power</b>	3,3 kW	<b>Displacement</b>	212 cm <sup>3</sup>
<b>Rated power</b>	3 kW	<b>Fuel tank capacity</b>	9 l
<b>Output voltage</b>	230V	<b>Oil tank volume</b>	0,6 l
<b>Rated current</b>	13 A	<b>Consumption at 50% load</b>	1,1 l/h
<b>Frequency</b>	50 Hz	<b>Starter</b>	3100X - manual 3100E - electric
<b>Noise level</b>	96 dB	<b>Weight</b>	40 kg
<b>Sockets</b>	1 x 230 V (16 A)	<b>Dimensions</b>	555 x 435 x 440 mm
<b>Voltage regulation</b>	AVR	<b>EAN</b>	3100X - 8594210230095 3100E - 8594210230149
<b>Motor</b>	single-cylinder, four-stroke, air-cooled	<b>Product code</b>	3100X - 9176 3100E - 7569





## Hahn & Sohn HGG 5500 X-H

<b>Maximum power</b>	5,5 kW	<b>Displacement</b>	389 cm <sup>3</sup>
<b>Rated power</b>	5 kW	<b>Fuel tank capacity</b>	18 l
<b>Output voltage</b>	230V	<b>Oil tank volume</b>	1,1 l
<b>Rated current</b>	21,7 A	<b>Consumption at 50% load</b>	1.95 l/h
<b>Frequency</b>	50 Hz	<b>Starter</b>	small
<b>Noise level</b>	96 dB	<b>Weight</b>	79 kg
<b>Sockets</b>	2 x 230 V (16 A)	<b>Dimensions</b>	675 × 485 × 500 mm
<b>Voltage regulation</b>	AVR	<b>EAN</b>	8594210230163
<b>Motor</b>	Single cylinder, 4-stroke, air-cooled, OHV	<b>Product code</b>	9178





## Hahn & Sohn HGG 8000X

<b>Maximum power</b>	6,5 kW	<b>Displacement</b>	420 cm <sup>3</sup>
<b>Rated power</b>	6 kW	<b>Fuel tank capacity</b>	25 l
<b>Output voltage</b>	230V	<b>Oil tank volume</b>	1,1 l
<b>Rated current</b>	26,1 A	<b>Consumption at 50% load</b>	2,3 - 3 l/h
<b>Frequency</b>	50 Hz	<b>Starter</b>	small
<b>Noise level</b>	97 dB	<b>Weight</b>	89 kg
<b>Sockets</b>	2 x 230 V (16 A) 1 x 230 V (32 A)	<b>Dimensions</b>	680 x 540 x 545 mm
<b>Voltage regulation</b>	AVR	<b>EAN</b>	8594210230156
<b>Motor</b>	Single cylinder, 4-stroke, OHV, air-cooled, gasoline engine	<b>Product code</b>	9177





## Hahn & Sohn HGG 8000 X3

<b>Maximum power</b>	3.3 kW (230 V) 6.5 kW (400 V)	<b>Displacement</b>	420 cm <sup>3</sup>
<b>Rated power</b>	3kW (230V) 6kW (400V)	<b>Fuel tank capacity</b>	25 l
<b>Output voltage</b>	230 V / 400 V	<b>Oil tank volume</b>	1,1 l
<b>Rated current</b>	10,8 A	<b>Consumption at 50% load</b>	2.3 - 3 l/h
<b>Frequency</b>	50 Hz	<b>Starter</b>	small
<b>Noise level</b>	97 dB	<b>Weight</b>	89 kg
<b>Sockets</b>	1 x 230 V (16 A) 1 x 400 V (16 A)	<b>Dimensions</b>	680 x 540 x 545 mm
<b>Voltage regulation</b>	AVR	<b>EAN</b>	8594210230156
<b>Motor</b>	Single cylinder, 4-stroke, OHV, air-cooled, gasoline engine	<b>Product code</b>	9177





## Hahn & Sohn HGG11000E-EA3R

<b>Maximum power</b>	8,5 kW	<b>Displacement</b>	500 cm <sup>3</sup>
<b>Rated power</b>	8 kW	<b>Fuel tank capacity</b>	25 l
<b>Output voltage</b>	230 V / 400 V	<b>Oil tank volume</b>	1 l
<b>Rated current</b>	34.8A (230V) 14.4A (400V)	<b>Consumption at 50% load</b>	≤374 g/kWh (cca 3.0–3.5 l/h)
<b>Frequency</b>	50 Hz	<b>Starter</b>	manual, electric
<b>Noise level</b>	97 dB	<b>Weight</b>	105 kg
<b>Sockets</b>	1 x 230 V (32 A) 1 x 400 V (32 A)	<b>Dimensions</b>	697 × 554 × 549 mm
<b>Voltage regulation</b>	AVR	<b>EAN</b>	8594210231054
<b>Motor</b>	R500, gasoline, 4-stroke, OHV, single cylinder, air-cooled	<b>Product code</b>	19210





## Hahn & Sohn HGG11000E-EA3R ATS

<b>Maximum power</b>	8,5 kW	<b>Displacement</b>	500 cm <sup>3</sup>
<b>Rated power</b>	8 kW	<b>Fuel tank capacity</b>	25 l
<b>Output voltage</b>	230V	<b>Oil tank volume</b>	1 l
<b>Rated current</b>	34,8 A	<b>Consumption at 50% load</b>	≤374 g/kWh (cca 3.0–3.5 l/h)
<b>Frequency</b>	50 Hz	<b>Starter</b>	manual, electric
<b>Noise level</b>	97 dB	<b>Weight</b>	104 kg
<b>Sockets</b>	1 x 230 V (16A) 1 x 230V (32A) - ATS output 1 x 230 V (32 A) - ATS input	<b>Dimensions</b>	697 × 554 × 549 mm
<b>Voltage regulation</b>	AVR	<b>EAN</b>	8594210231047
<b>Motor</b>	R500, gasoline, 4-stroke, OHV, single cylinder, air-cooled	<b>Product code</b>	19207





**HAHN**  
GENERATORS

**HCC 8000X**

**8000**

**PRO Series**

Starting Power Watts  
8000 Watt mocy rozruchowej

AC 230V AC 230V AC 230V

DC 12V

**420cc**  
**OHV**

# DIESEL

## GENERATORS

### PRODUCT OVERVIEW - DIESEL GENERATORS



DIESEL GENERATOR  
HAHN & SOHN HDE  
9000EA-EA3 1/3



DIESEL GENERATOR  
HAHN & SOHN HDE  
9000SA-SA3 1/3



DIESEL GENERATOR  
HAHN & SOHN HDE  
9300SS3



DIESEL GENERATOR  
HAHN & SOHN HDE  
15000EA3



DIESEL GENERATOR  
HAHN & SOHN HDE  
15000SA3



DIESEL GENERATOR  
HAHN & SOHN HDE  
18000SA3



<b>Weight</b>	118 kg	130 kg	175 kg	260 kg	260 kg	270 kg
<b>Maximum power</b>	6.5 kW (230 V) 6.5 kW (400 V)	7kW (230V) 7kW (400V)	6kW (230V) 6.5 kW (400 V)	11kW (230V) 12 kW (400 V)	11kW (230V) 12 kW (400 V)	14 kW (230 V) 15kW (400V)
<b>Rated power</b>	6kW (230V) 6kW (400V)	6kW (230V) 6kW (400V)	5.4 kW (230 V) 5.9kW (400V)	10kW (230V) 11kW (400V)	10kW (230V) 11kW (400V)	13 kW (230 V) 14 kW (400 V)
<b>Output voltage</b>	230V/400V/50Hz	230V/400V/50Hz	230V/400V/50Hz	230V/400V/50Hz	230V/400V/50Hz	230V/400V/50Hz
<b>Starter</b>	manual, electric	electric	electric	electric	electric	electric
<b>Displacement</b>	498 cm <sup>3</sup>	498 cm <sup>3</sup>	499 cm <sup>3</sup>	997 cm <sup>3</sup>	997 cm <sup>3</sup>	1247 cm <sup>3</sup>
<b>Tank volume</b>	15 l	15 l	15 l	25 l	25 l	25 l
<b>Noise level</b>	97 dB(A)	69 - 94 dB(A)	65 dB(A)	82 dB(A)	72 dB(A)	72 dB(A)
<b>EAN</b>	8594210230132	8594210230019	8594210231559	8594210231542	8594210231535	8594210231528
<b>Product code</b>	7470	5199	19543	19546	19549	19552



Reliable central units with high output and long service life operate much more efficiently and are therefore able to produce more energy from the same volume of fuel. These central units are suitable for long-term and demanding operation and are ideal for construction or industry, but they can also serve as a backup source for the entire house.





## Hahn & Sohn HDE 9000EA-EA3 1/3

<b>Maximum power</b>	6.5 kW (230 V) 6.5 kW (400 V)	<b>Displacement</b>	498 cm <sup>3</sup>
<b>Rated power</b>	6kW (230V) 6kW (400V)	<b>Fuel tank capacity</b>	15 l
<b>Output voltage</b>	230 V / 400 V	<b>Oil tank volume</b>	1,6 l
<b>Rated current</b>	10,8 A	<b>Consumption at 50% load</b>	1.5 - 2l/h
<b>Frequency</b>	50 Hz	<b>Starter</b>	manual, electric
<b>Noise level</b>	97 dB	<b>Weight</b>	118 kg
<b>Sockets</b>	1 x 230V (32A) 1 x 400V (16A)	<b>Dimensions</b>	760 x 500 x 650 mm
<b>Voltage regulation</b>	AVR	<b>EAN</b>	8594210230132
<b>Motor</b>	single cylinder, 4-stroke, OHV, air-cooled	<b>Product code</b>	7470





## Hahn & Sohn HDE 9000SA-SA3 1/3

<b>Maximum power</b>	7kW (230V) 7kW (400V)	<b>Displacement</b>	498 cm <sup>3</sup>
<b>Rated power</b>	6kW (230V) 6kW (400V)	<b>Fuel tank capacity</b>	15 l
<b>Output voltage</b>	230 V / 400 V	<b>Oil tank volume</b>	1,6 l
<b>Rated current</b>	10,8 A	<b>Consumption at 50% load</b>	1.5 - 2l/h
<b>Frequency</b>	50 Hz	<b>Starter</b>	electric
<b>Noise level</b>	69 - 94 dB(A)	<b>Weight</b>	130 kg
<b>Sockets</b>	1 x 230V (32A) 1 x 400V (16A) 1 x 12V (8,3A)	<b>Dimensions</b>	920 x 540 x 720 mm
<b>Voltage regulation</b>	AVR	<b>EAN</b>	8594210230019
<b>Motor</b>	single cylinder, 4-stroke, OHV, air-cooled	<b>Product code</b>	5199





## Hahn & Sohn HDE HDE 9300SS3

<b>Maximum power</b>	6kW (230V) 6.5 kW (400 V)	<b>Displacement</b>	499 cm <sup>3</sup>
<b>Rated power</b>	5.4 kW (230 V) 5.9kW (400V)	<b>Fuel tank capacity</b>	15 l
<b>Output voltage</b>	230 V / 400 V	<b>Oil tank volume</b>	1,65 l
<b>Rated current</b>	26.0A (230V) 9.3A (400V)	<b>Consumption at 50% load</b>	1.1 l/h
<b>Frequency</b>	50 Hz	<b>Starter</b>	electric
<b>Noise level</b>	65 dB(A)	<b>Weight</b>	175 kg
<b>Sockets</b>	1 x 230V (16A) 1 x 400V (16A)	<b>Dimensions</b>	995 x 645 x 890 mm
<b>Voltage regulation</b>	AVR	<b>EAN</b>	8594210231559
<b>Motor</b>	Single-cylinder, four-stroke, air-cooled diesel	<b>Product code</b>	19543





## Hahn & Sohn HDE 15000EA3

<b>Maximum power</b>	11kW (230V) 12 kW (400 V)	<b>Displacement</b>	997 cm <sup>3</sup>
<b>Rated power</b>	10kW (230V) 11kW (400V)	<b>Fuel tank capacity</b>	25 l
<b>Output voltage</b>	230 V / 400 V	<b>Oil tank volume</b>	4 l
<b>Rated current</b>	47.8A (230V) 17.3A (400V)	<b>Consumption at 50% load</b>	2.1l/h
<b>Frequency</b>	50 Hz	<b>Starter</b>	electric
<b>Noise level</b>	82 dB(A)	<b>Weight</b>	260 kg
<b>Sockets</b>	1 x 230V (16A) 1 x 230V (32A) 1 x 400V (16A)	<b>Dimensions</b>	1200 × 720 × 880 mm
<b>Voltage regulation</b>	AVR	<b>EAN</b>	8594210231542
<b>Motor</b>	Diesel, 2-cylinder, 4- stroke, air-cooled (V-type)	<b>Product code</b>	19546





## Hahn & Sohn HDE 15000SA3

<b>Maximum power</b>	11kW (230V) 12 kW (400 V)	<b>Displacement</b>	997 cm <sup>3</sup>
<b>Rated power</b>	10kW (230V) 11kW (400V)	<b>Fuel tank capacity</b>	25 l
<b>Output voltage</b>	230 V / 400 V	<b>Oil tank volume</b>	4 l
<b>Rated current</b>	47.8A (230V) 17.3A (400V)	<b>Consumption at 50% load</b>	2.1l/h
<b>Frequency</b>	50 Hz	<b>Starter</b>	electric
<b>Noise level</b>	72 dB(A)	<b>Weight</b>	260 kg
<b>Sockets</b>	2 x 230V (16A) 1 x 230V (32A) 1 x 400V (16A)	<b>Dimensions</b>	1200 x 720 x 880 mm
<b>Voltage regulation</b>	AVR	<b>EAN</b>	8594210231535
<b>Motor</b>	2-cylinder, 4-stroke, air-cooled, V-type	<b>Product code</b>	19549





## Hahn & Sohn HDE 18000SA3

<b>Maximum power</b>	13 kW (230 V) 14 kW (400 V)	<b>Displacement</b>	1247 cm <sup>3</sup>
<b>Rated power</b>	14 kW (230 V) 15 kW (400 V)	<b>Fuel tank capacity</b>	25 l
<b>Output voltage</b>	230 V / 400 V	<b>Oil tank volume</b>	4 l
<b>Rated current</b>	60.8 A (230 V) 21.6 A (400 V)	<b>Consumption at 50% load</b>	2.1 l/h
<b>Frequency</b>	50 Hz	<b>Starter</b>	electric
<b>Noise level</b>	72 dB(A)	<b>Weight</b>	270 kg
<b>Sockets</b>	2 x 230 V (16 A) 1 x 230 V (32 A) 1 x 400 V (16 A)	<b>Dimensions</b>	1250 x 720 x 880 mm
<b>Voltage regulation</b>	AVR	<b>EAN</b>	8594210231528
<b>Motor</b>	2-cylinder, 4-stroke, air-cooled, V-type	<b>Product code</b>	19552





**HAHN & SOHN** HDE 9000  
EA-EA3  
GENERATORS DIESEL POWER GENERATOR

VHz.H. 0.000  
MOTORENSCHALTUNG START STOP  
ALARM CLEAR  
ATS  
220V <-> 400V  
AC HAUPTSCHALTER AC MAIN SWITCH  
ON OFF  
AC 230V  
AC 400V

# INDUSTRIALLY

## GENERATORS

### PRODUCT OVERVIEW - INDUSTRIAL POWER GENERATORS



INDUSTRIAL  
GENERATOR HAHN &  
SOHN HDE20SS3-DW



INDUSTRIAL  
GENERATOR HAHN &  
SOHN HDE40SS3



INDUSTRIAL  
GENERATOR HAHN &  
SOHN HDE80SS3



INDUSTRIAL  
GENERATOR HAHN &  
SOHN HDB100RST3



Weight	960 kg	1060 kg	1440 kg	1650 kg
Maximum power	20 kW	33 kW	66 kW	88 kW
Rated power	18 kW	30 kW	60 kW	80 kW
Output voltage	230V/400V/50Hz	230V/50Hz	230V/50Hz	230V/400V/50Hz
Starter	electric	electric	electric	electric
Displacement	2289 cm <sup>3</sup>	4087 cm <sup>3</sup>	4300 cm <sup>3</sup>	4210 cm <sup>3</sup>
Tank volume	90 l	120 l	164 l	235 l
Noise level	51 dB(A)	51 dB(A)	53 dB(A)	96 dB(A)
Product code	19048	11730	11744	14239



Industrial power generators are designed for demanding applications requiring a reliable and continuous source of electrical power. They are ideal for use on construction sites, in industrial operations, agriculture or as a backup source for companies, institutions and households.



*We also offer custom-made industrial power plants and individual modifications according to specific customer requirements.*



## Hahn & Sohn HDE20SS3-DW

<b>Maximum power</b>	20 kW	<b>Displacement</b>	2289 cm <sup>3</sup>
<b>Rated power</b>	18 kW	<b>Fuel tank capacity</b>	90 l
<b>Output voltage</b>	230 V / 400 V	<b>Oil tank volume</b>	8 l
<b>Rated current</b>	32,6 A	<b>Consumption at 50% load</b>	2 l/h
<b>Frequency</b>	50 Hz	<b>Starter</b>	electric
<b>Noise level</b>	51 dB(A)	<b>Weight</b>	960 kg
<b>Voltage regulation</b>	AVR	<b>Dimensions</b>	1950 × 950 × 1200 mm
<b>Motor</b>	4-cylinder, 4-stroke, water-cooled, direct injection	<b>Product code</b>	19048





## Hahn & Sohn HDE40SS3

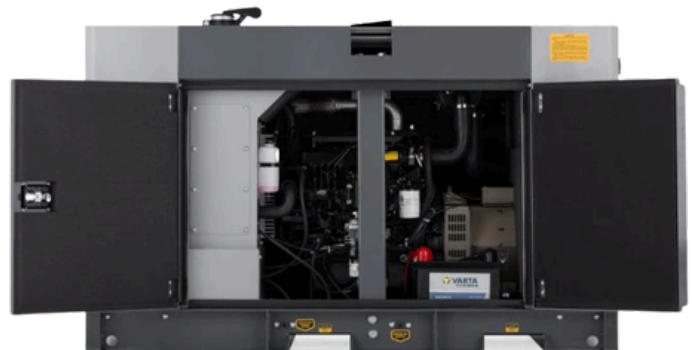
<b>Maximum power</b>	33 kW	<b>Displacement</b>	4087 cm <sup>3</sup>
<b>Rated power</b>	30 kW	<b>Fuel tank capacity</b>	120 l
<b>Output voltage</b>	230 V / 400 V	<b>Oil tank volume</b>	13 l
<b>Rated current</b>	54,1 A	<b>Consumption at 50% load</b>	5.58 l/h
<b>Frequency</b>	50 Hz	<b>Starter</b>	electric
<b>Noise level</b>	51 dB(A)	<b>Weight</b>	1060 kg
<b>Voltage regulation</b>	AVR	<b>Dimensions</b>	1950 × 950 × 1200 mm
<b>Motor</b>	four-cylinder, direct injection, water-cooled	<b>Product code</b>	11730





## Hahn & Sohn HDE80SS3

<b>Maximum power</b>	66 kW	<b>Displacement</b>	4300 cm <sup>3</sup>
<b>Rated power</b>	60 kW	<b>Fuel tank capacity</b>	164 l
<b>Output voltage</b>	230 V / 400 V	<b>Oil tank volume</b>	17 l
<b>Rated current</b>	108,7 A	<b>Consumption at 50% load</b>	5.58 l/h
<b>Frequency</b>	50 Hz	<b>Starter</b>	electric
<b>Noise level</b>	53 dB(A)	<b>Weight</b>	1440 kg
<b>Voltage regulation</b>	AVR	<b>Dimensions</b>	2350 × 970 × 1350 mm
<b>Motor</b>	four-cylinder, direct injection, water-cooled	<b>Product code</b>	11744





## Hahn & Sohn HDB100RST3

<b>Maximum power</b>	88 kW	<b>Displacement</b>	4210 cm <sup>3</sup>
<b>Rated power</b>	80 kW	<b>Fuel tank capacity</b>	235 l
<b>Output voltage</b>	230 V / 400 V	<b>Oil tank volume</b>	13 l
<b>Rated current</b>	144 A	<b>Consumption at 50% load</b>	13.5 l/h
<b>Frequency</b>	50 Hz	<b>Starter</b>	electric
<b>Noise level</b>	96 dB(A)	<b>Weight</b>	1650 kg
<b>Voltage regulation</b>	AVR	<b>Dimensions</b>	2350 × 970 × 1350 mm
<b>Motor</b>	diesel, four-cylinder, turbo + Intercooler, direct injection, water-cooled	<b>Product code</b>	14239





# HAHN

## & SOHN



## CONTACT

Are you looking for a reliable and high-quality generator for your business, home or recreational activities? Our company offers a wide selection of inverter, diesel and gasoline generators that will satisfy even the most demanding needs. With our generators you get an independent energy source that will never let you down. Contact us and our experts will help you choose the ideal solution for your energy requirements.



+49 9944 890 98 96



[info@hahn-sohn.eu](mailto:info@hahn-sohn.eu)



[www.hahn-sohn.eu/](http://www.hahn-sohn.eu/)