OWNER'S MANUAL

EN

Please, read this manual carefully before use!

K&S BASIC
SIMPLE ENERGY

Inverter Generator in Soundproof Housing

KSB 18i S
KSB 20i S

INTRODUCTION

Thank you for choosing **K&S Basic®** products. This manual provides a brief description of safety requirements, setup procedures, and operating instructions. More information is available in the support section at:**konner-sohnen.com/pages/instructions**

You can also go to the support section and download the manual by scanning the QR code or on the website of the official importer of **K&S Basic®** at **www.konner-sohnen.com**

We care about the environment, therefore, we consider it expedient to save paper and leave in print a short description of the most important sections.

Be sure to read the full version of the manual before getting started!

The manufacturer reserves the right to make changes that may not be reflected in this manual, including:

- The manufacturer reserves the right to make changes in the product design, configuration and construction.

- The images and drawings in this manual are for reference only and may differ from the actual components and inscriptions on the products.

Contact information that you are free to use in case of any problems can be found at the end of this manual. All information in this manual is correct to the best of our knowledge at the time of publication. The current list of service centers can be found on the official importer's website at **www.konner-sohnen.com**

ATTENTION – DANGER! **Failure to follow the recommendations marked with this sign may lead to serious injury or death of the operator or third parties.**

IMPORTANT! **Useful information while operating the machine.**

Safety symbols and description of inscriptions can be found in the full electronic version.

SAFETY INFORMATION 1

Do not use the generator in rooms with poor ventilation or in conditions of excessive humidity. Do not place the generator in water or on moist soil. Do not expose the generator to rain, snow, as well as to direct sunlight for a long time. Place the generator on a flat, hard surface, away from flammable liquids/gases (at a minimum distance of 1 m). Install the generator at a distance of not less than 1 m from the front control panel and not less than 50 cm on each side, including the upper part of the generator. Keep unauthorized persons, children, and animals away from work area. Wear safety shoes and gloves.

ATTENTION – DANGER! **When using the generator, attention must be paid to the actual power consumption of the connected electrical devices, including the power factor (cosφ) and the starting power, which for devices with motors can be several times higher than the rated power and must not exceed the maximum output of the generator.**

ATTENTION – DANGER! **As exhaust gases contain poisonous carbon dioxide (CO_2) and carbon monoxide (CO) gases which are dangerous for life, it is strictly forbidden to install the generator in residential buildings, premises connected to residential buildings by a common ventilation system, other rooms from which exhaust gases may enter living premises.**

ELECTRICAL SAFETY 1.1

ATTENTION – DANGER! **The device generates electricity. Follow safety precautions to avoid electric shock.**

IMPORTANT! **The generator should be used as an IT or TN system based on the application. Earthing and additional protective measures such as insulation monitoring or protection against accidental contact (residual current device) must be provided based on the application and the system used.**

The generator produces electricity that may lead to an electric shock while neglecting compliance regulations. K&S Basic generators were initially designed as an IT system with basic protection by insulation of hazardous live parts according to DIN VDE 0100-410. The generator housing is insulated from the current-carrying L and N conductors. A layperson without electrical knowledge may only connect one power consumer to the generator without additional protective measures. Connection of a distribution system with more than one consumer may only be carried out by qualified electricians or persons trained in electrical engineering, observing appropriate safety precautions.

IMPORTANT! **It is forbidden to connect to the generator devices which can generate current pulses and direct energy towards the generator (voltage stabilizers, devices with electronic brakes, on-grid and hybrid inverters, etc.).**

The generator and power consumers form a closed system, with elements affecting each other. This system is physically different from the public network since it is significantly affected by factors such as unbalanced phase load and non-linear current consumption by power consumers that can cause damage to the generator and power consumers connected to it.

ATTENTION – DANGER! **Be careful. Do not operate the generator, if you are tired, under the influence of drugs or alcohol. Inattention may cause a serious injury.**

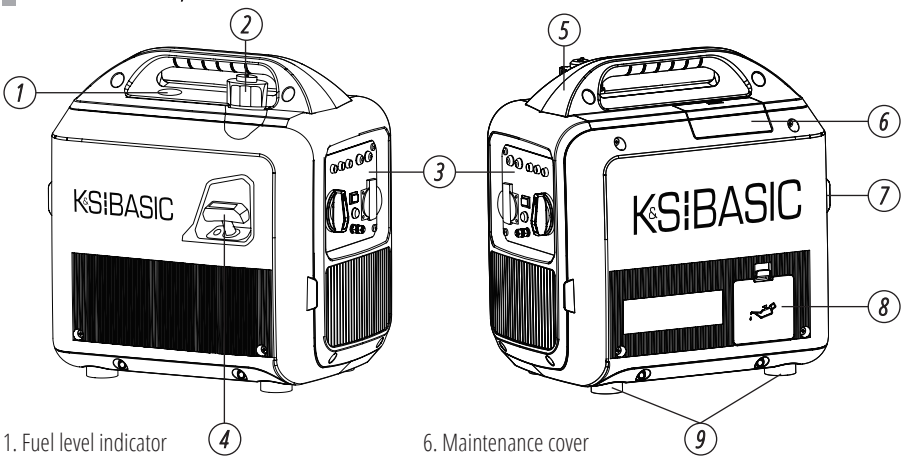
IMPORTANT! **Using device for other purposes deprives the right for free warranty.**

PRECAUTIONS WHEN WORKING WITH GASOLINE GENERATOR 1.2

Do not start the generator operation upon presence of electric load! Disconnect the load before you stop the engine. **Use only unleaded gasoline with an octane rating of 90–95 containing no more than 10% ethanol.** The use of kerosene or any other type of fuel is not allowed! Always follow the manufacturer's recommendations regarding the shelf life and storage of fuel. The fuel in the tank comes into contact with air, which can affect its quality. Over time, depending on the quality of the fuel, deposits may accumulate in the float chamber of the carburetor, which must be drained regularly to ensure the carburetor functions properly. If the generator is not used for an extended period of time, we recommend completely draining the gasoline from the carburetor and the tank via the drain screw on the carburetor to prevent the formation of deposits in the fuel system. Failure to follow these recommendations may lead to the damage of the carburetor.

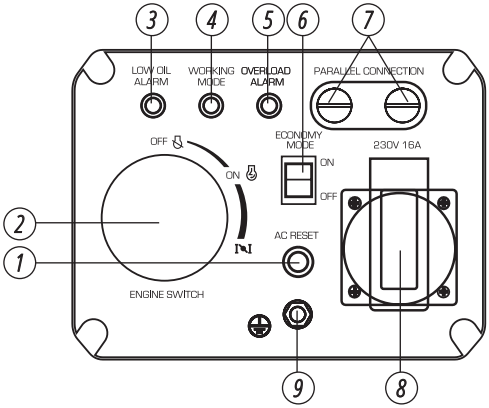
ATTENTION – DANGER! **Fuel contaminates the land and groundwater. Do not allow the leaking gasoline from the tank!**

MODELS KSB 18i S, KSB 20i S



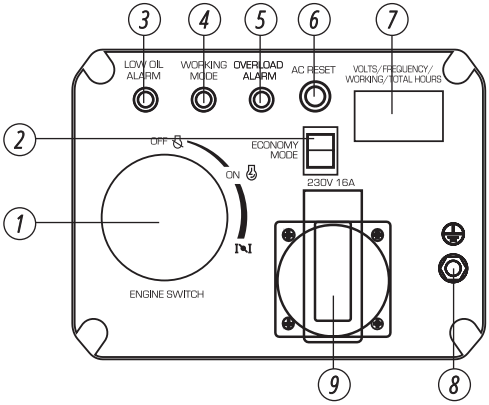
1. Fuel level indicator
2. Fuel tank cap air vent
3. Control panel
4. Manual starter
5. Transport handle
6. Maintenance cover
7. Silencer
8. Maintenance cover (for motor oil change)
9. Anti-vibration system

CONTROL PANEL FOR MODEL KSB 18i S



1. Reset button
2. Multifunctional engine switch
3. Oil level indicator
4. Working mode indicator
5. Overload indicator
6. Economy mode switch
7. Generator parallel socket
8. AC outlet Schuko 230V
9. Earthing bolt

CONTROL PANEL FOR MODEL KSB 20i S



1. Multifunctional engine switch
2. Economy mode switch
3. Oil level indicator
4. Working mode indicator
5. Overload indicator
6. Reset button
7. LED display
8. Earthing bolt
9. AC outlet Schuko 230V

IMPORTANT!

Manufacturer reserves the right to make changes and/or improvements in design, components set and technical attributes without notice and without incurring obligation. The pictures in this manual are schematical and may not match the parameters of original product.

SPECIFICATIONS 3

Model	KSB 18i S	KSB 20i S
Voltage	230 V	230 V
Maximum power	2,0 kW	2,0 kW
Nominal power	1,8 kW	1,8 kW
Frequency	50 Hz	50 Hz
Current (max.)	8,7 A	8,7 A
Outlets	1×Schuko 230V 16A	1×Schuko 230V 16A
Engine start	manual	manual
Fuel tank volume	4 l	4 l
LED display	–	voltage, frequency, working hours
Noise level Lpa (7m)/Lwa, dB	70/95 dB	70/95 dB
Engine model	KSB 90i	KSB 90i
Engine volume	79 cm^3	79 cm^3
Engine type	gasoline, 4 stroke cycle engine	gasoline, 4 stroke cycle engine
Engine power	3 hp	3 hp
Generator parallel socket	+	–
Crankcase volume	0,35 l	0,35 l
Power factor	cos φ 1(230V)	cos φ 1(230V)
Gross dimensions (L×W×H)	500×335×510 mm	500×335×510 mm
Net weight	18 kg	18 kg
Protection class	IP23M	IP23M
Nominal voltage tolerance – max. 5%		

To ensure reliability and increase the engine service life, peak powers may be slightly limited by circuit breakers.

The optimal operating conditions are ambient temperature of 17-25°C, barometric pressure of 0.1 MPa (760 mm Hg), and relative humidity of 50-60%. Under these environmental conditions, the generator can provide maximum performance in terms of the declared specifications.

In the event of deviations from these environmental indicators, the generator performance may vary.

Please note that continuous loads exceeding 80% of the generator's rated power are not recommended in order to extend its service life.

TERMS OF USE OF INVERTER GENERATOR 4

It is recommended to ground the generator before operating it for the first time. Before starting the device, remember that the total power of the connected power consumers should not exceed the nominal power of the generator.

IMPORTANT!

Inverter generators produce 230 V at 50 Hz and must not be used as a replacement for the main power grid when powering devices designed to feed energy into the electrical grid (such as grid-tied inverters, hybrid inverters, microinverters, etc.). These devices may detect the 230 V 50 Hz output from the inverter generator as the main power supply and can damage the generator through backfeeding.

IMPORTANT!

Make sure that the control panel, the blinds and the underside of the inverter are well cooled and protected against the ingress of small solids, dirt, and water. Improper operation of the cooler can cause damage to the motor, inverter or alternator.

GENERATOR OPERATION 5

OIL LEVEL INDICATOR (RED)

The low oil indicator lights up when the oil level is too low. The ignition is deactivated and the engine stops. The engine will not start until oil is added.

AC INDICATOR

When the generator is running and producing electricity, the AC indicator light is on.

RUN/OVERLOAD

When the generator is running normally, the AC lights up green. If there is an abnormality in the generator, the AC flashes red, the machine automatically protects and cuts of the output. Need to press the AC to reset.
The overload indicator lights up when the connected generator is overloaded, the inverter control unit overheats or the AC output voltage rises. If the overload indicator goes on, the engine will continue to operate, but the generator will no longer produce electricity. In this case, you must perform the following steps:

1. Turn off all connected electrical appliances and stop the engine.
2. Reduce the total power of the connected devices until the nominal power of the generator is reached.
3. Check if the vent grid is clogged. Remove excess dirt or debris, if any.
4. After checking, start the engine.

IMPORTANT!

The overload indicator may light up within several seconds after start-up or when connecting electrical devices requiring a high starting current, such as a compressor or voltage indicator. However, this is not a malfunction.

FUEL TANK CAP AIR VENT

The fuel cap is equipped with a vent for air supply to the fuel tank. When the engine is running, the vent must be in the "ON" position (OPEN). This will allow fuel to enter the carburetor for engine operation. After the generator stops, allow it to cool down and close the air vent on the fuel cap. When the generator is not in use, close the vent to the "OFF" position.

EARTHING BOLT

The generators described in this manual are designed as mobile power sources in an IT system with insulated live wires and are operated without grounding. The grounding screw and PE contacts in the sockets serve to equalize the potential. Please observe protective measures when operating multiple power consumers in the IT system.
Grounding is required when using the generator to build a TN system with a grounded neutral conductor.

CHECKING THE FUEL LEVEL

1. Unscrew the fuel cap and check the fuel level in the tank.
2. Fill the fuel tank to the fuel filter level.
3. Tighten the fuel cap securely.
4. For silent models of inverter generator, open the air intake vent on the fuel cap.

Recommended fuel: unleaded gasoline with an octane rating of 90–95 containing no more than 10% ethanol.

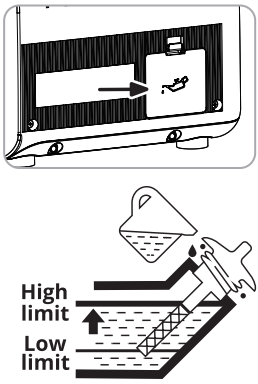
Fuel tank volume: see specifications table.

IMPORTANT! **Wipe up spilled fuel immediately with a clean, dry, soft cloth, as the fuel may harm painted surfaces or plastic parts.**

IMPORTANT! **Be sure to observe the expiration date of the gasoline. If the generator is not going to be used for an extended period, always drain the gasoline from the carburetor and, if necessary, from the fuel tank. Deposits in the fuel system can lead to engine malfunctions.**

CHECKING THE OIL LEVEL

Fig. 1



The generator is transported free of motor oil. Do not start the engine until it is filled with sufficient amount of motor oil.

1. Open the service cover (fig.1).
2. Unscrew the oil dipstick and wipe it out with a clean cloth.
3. Fill the crankcase with engine oil. The recommended amount of oil for each model is indicated in the specification chart.
4. Insert the dipstick without screwing it in.
5. Check the oil level by a mark on the oil dipstick.
6. Add oil if its level is below the mark on the oil dipstick.
7. Screw on the dipstick.

Recommended motor oil: SAE 10W30, SAE 10W40.

Recommended motor oil grade: API Service SG type or higher.

Motor oil quantity: see specifications table.

Before starting the engine, make sure that the rated power of power consumers matches with the power of generator. Do not exceed the nominal power of the generator. **Do not connect any devices before you start the engine!**

IMPORTANT! **Do not change the controller settings in terms of the amount of fuel governor (this adjustment was made at the factory). Otherwise, this may result in changes in the engine operation or its failure.**

ATTENTION – DANGER! **When drawing power between the rated and maximum power levels, the generator must not run for longer than 5 seconds. This is common, for example, when starting the electric motor. The required starting power of the motor must not exceed the maximum starting power of the generator.**

ATTENTION – DANGER! **Emergency generators should not run continuously (e.g. by adding fuel to the tank or connecting a large fuel tank) or longer than recommended: 4-6 hours for LPG/gasoline or gasoline generators (depending on load).**

This material is for informational purposes only and does not constitute a manual for installing the equipment or connecting it to the mains, but we strongly recommend that you read the instructions below. Equipment connection must always be carried out by a certified electrician responsible for the installation and electrical connection of the equipment according to local laws and regulations. The manufacturer assumes no liability for improper connection of the equipment or for any material or physical damage that may result from improper installation, connection or operation of the equipment.

COMMISSIONING

1. Fill the crankcase with engine oil. The recommended amount of oil for each model is indicated in the specification chart.
2. Check oil level with an oil dipstick. It should be between the MIN and MAX marks on the oil dipstick.
3. Check fuel level.
4. Check the air filter for correct installation.

IN THE FIRST 20 OPERATING HOURS OF THE GENERATOR, THE FOLLOWING REQUIREMENTS SHOULD BE MET:

1. During commissioning, do not connect power consumers, the power of which exceeds 50% of the nominal (operating) power of the device.
2. After the first 20 operating hours, be sure to change the oil. It is better to drain oil while the engine is still hot after operation to ensure quick and complete oil draining.
3. Check and clean the air filter, fuel filter and spark plug.

ENGINE START

IMPORTANT! **Useful tip: If the engine stalls shortly after starting or does not start at all, we recommend draining deposits from the carburetor and checking the oil level. The generator is equipped with a low oil level indicator, and the engine will stop if the engine oil level is too low.**

IMPORTANT! **Deposits from the carburetor's float chamber should be drained regularly. If the generator is not going to be used for an extended period, close the fuel tap and drain the gasoline from the carburetor to prevent possible deposits from forming inside the carburetor.**

1. Check the oil level.
2. Check the fuel level.
3. Open the vent on the fuel cap to the "ON" position (fig. 2).
4. Turn the air choke control knob to the "START" position (fig. 3).
5. Pull the manual starter until a slight resistance is felt, then pull it toward you relatively sharply. Slowly turn the manual starter by hand, do not release it abruptly.
6. Turn the air choke control knob to the "ON" position (fig. 3).
7. Wait 1-2 minutes and connect electrical appliances.

Fig. 2

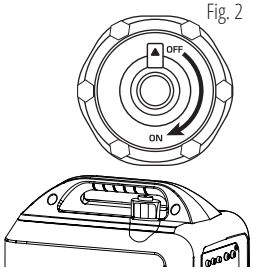
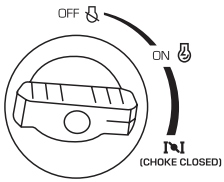


Fig. 3



IMPORTANT!

Useful tip: to ensure long-term operation of the generator engine, it is important to observe the following tips:

- Before connecting the load, allow the engine to run for 1-2 minutes to warm it up.

- When disconnecting the load after lengthy operation, do not turn off the generator. Allow the generator to run idle for 1-2 minutes so that it cools down.

ATTENTION – DANGER!

Do not connect two or more devices at a time. The start-up of many devices requires high power. Devices should be connected one at a time according to their power rating. Do not connect any power consumers within the first 2 minutes after the generator has been started.

DISCONNECT ALL DEVICES BEFORE STOPPING THE GENERATOR!

Do not stop the generator with the devices turned on. This may disable the generator or devices connected to it!

TO STOP THE ENGINE, PROCEED AS FOLLOWS:

1. Turn off all devices.
2. Allow the generator to run idle for approx. 1-2 minutes.
3. Set the multifunctional engine switch to the "OFF" position (Fig. 4).
5. Allow the generator to cool down.
6. Unplug the devices.
7. After the generator stops, allow it to cool down and close the air vent on the fuel cap (set to "OFF", as shown in Fig. 5).

Fig. 4

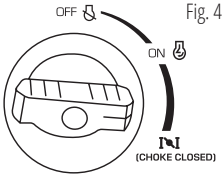
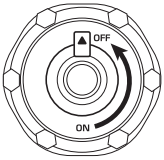
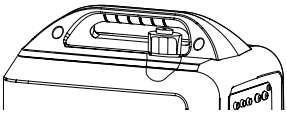


Fig.5





FUNCTIONAL DESCRIPTION OF INVERTER GENERATORS 8

It is forbidden to start the generator with the ECONOMY MODE ON. Economy mode should be turned on only after starting the generator and only with a low load. Failure to comply with this requirement may result in generator failure and void warranty repair.

ECONOMY MODE FUNCTION

1. Start the engine.
2. Set the Economy mode button to "ON".
3. Plug the device into an AC outlet.
4. Make sure the AC indicator light is on.
5. Turn on the electrical device.

IMPORTANT!

ECONOMY MODE should be disabled when starting the generator and should only be activated at loads up to 20% of the rated power so that the speed can be kept lower at light loads to save fuel.

The voltage across the inverter module's capacitors is kept lower in ECONOMY MODE, which saves fuel at low loads. However, connecting more powerful power consumers can lead to overload and voltage distortion until the engine reaches the required speed. Turn off ECONOMY MODE if you want to connect more powerful power consumers.

IMPORTANT! **Ensure that the starting power of electrical appliances with motors does not exceed the maximum power of the generator.**

PARALLEL FUNCTION

You can increase the total output power of the generators by connecting the two inverter generators together with special cables for parallel connection of KSB PC-1 from K&S Basic® (not included in a set). Parallel connection of two generators ensures total rated output power of these generators. When the generators are connected in parallel, the power loss is 0.2 kW of the total rated power that can be obtained.

During parallel operation, the ECONOMY MODE switch must be in the same position on both generators.

1. Connect the KSB PC-1 parallel cable to the dedicated outputs on the generator control panel. Do not use any other cables, don't combine different generator models.
2. Start the engines, check that the green WORKING MODE indicator on each generator is on.
3. Plug the appliance into a socket. Check the latest info on aa website about models, which can be connected in parallel. Connect only those models, which are recommended by producer.
4. Switch on the appliance.

If the overload indicator lights up, follow the standard generator overload procedure described in section 5 (reduce the load and press the RESET button on both generators).

ATTENTION - DANGER! **Do not connect or disconnect parallel cables while the generator is running. If you plan to use only one generator, the parallel cables must be disconnected with the engine off.**

MAINTENANCE 9

This manual compliance! You can find a list of service center addresses on the website of exclusive importer: **www.konner-sohnen.com**

TECHNICAL MAINTENANCE WORKS

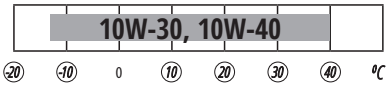
Unit	Action	At each start	First month or 20 operating hours	Every 3 months or 50 operating hours	Every 6 months or 100 operating hours	Every year or 300 operating hours
Motor oil	Level check	✓				
	Replacement		✓	✓		
Air filter	Check /Cleaning	✓	✓	✓		
	Replacement				✓	
Spark plug	Cleaning		✓	✓		
	Replacement				✓	
Fuel tank	Level check	✓				
	Cleaning					✓
Fuel filter	Check (clean out)		✓	✓		

- If the generator often operates at high temperature or high load, the oil should be replaced every 25 operating hours.
- If the engine often runs in dusty or other harsh conditions, clean the air filter every 10 operating hours.
- If you missed the maintenance time, perform it as soon as possible to save the generator engine.

IMPORTANT! **The manufacturer shall not be liable for any damage caused by failure to perform maintenance work.**

RECOMMENDED OILS 10

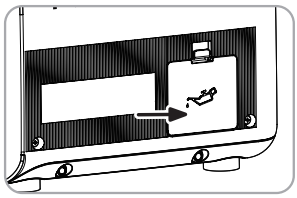
Use oils designed for four-stroke cycle vehicle engines SAE10W-30, SAE10W-40. Motor oils with other viscosity levels, may be used only if the average air temperature in your region does not exceed the limits of the temperature range, specified in the table.



Upon oil level decrease it is necessary to add the required quantity in order to provide the correct generator operation. It is necessary to check the oil levels according to technical maintanance schedule.

TO DRAIN ENGINE OIL, PERFORM THE FOLLOWING ACTIONS:

Fig. 6



1. Please drain the oil while the engine is warm. This provides a quick and complete oil drain.
2. Wear protective gloves to avoid getting oil on the skin.
3. Remove the cover of generator (fig. 6).
4. Place a drain oil holding tank under the engine.
5. Turn the drain cap, located in the engine under the oil-depth gage cap, by means of spanner.
6. Wait till the oil drains.
7. Replace the drain cap and tighten it well.
8. Close the maintenance cover (fig. 6).

TO REFILL OIL, PERFORM THE FOLLOWING ACTIONS:

1. Make sure that the generator is set on flat level surface.
2. Open the oil-depth gage cap on the engine.
3. By means of a funnel, pour the advanced purification engine oil to the crankcase. The funnel is not included.

AIR FILTER TECHNICAL MAINTENANCE 11

Air filter cleaning is to be performed each 50 hours of the generator operation (every 10 hours in unusually dusty conditions).

CLEANING THE FILTER:

1. Open the clips on the upper cap of the air filter.
2. Remove the sponge filtering element.
3. Remove all dirt deposits inside the hollow case of the air filter.
4. Thoroughly wash the filtering element in warmsoapy water.
5. Dry the sponge filter.
6. Dry filtering element is to be moistened by motor oil and excess oil is to be squeezed out.

SPARK PLUGS TECHNICAL MAINTENANCE 12

Spark plug has to be intact, without soot deposits and to have a correct gap.

SPARK PLUG VERIFICATION:

1. Remove the cap from the spark plug.
2. Remove the spark plug by means of a corresponding spanner.

3. Examine the spark plug. If is is shattered – it is necessary to replace it.
   Recommended replacement spark plugs BPR6ES/BP6ES(NGK), F6RTC/F6TC (TORCH).
4. Measure the gap. It has to be within range 0.7-0.8 mm.
5. In case of repeated use, the spark plug has to be cleaned by means of a metal brush.
   After that – set the correct gap.

DAMPER AND FLAME ARRESTER MAINTENANCE 13

The engine and damper will get very hot after the generator has been started. Do not touch the engine or damper with any part of your body or clothing during inspection or repair until they have cooled down.

Remove the screws and then pull the protective cover towards you. Loosen the bolts and remove the cover, screen and flame arrester of the damper. Descale the screen and flame arrester of the damper with a wire brush.Inspect the screen and flame arrester of the damper. Replace them if they are damaged. Replace the flame arrester. Replace the screen and cover of the damper. Replace the cover and tighten the screws.

IMPORTANT! **Match the protrusion of the flame arrester to the hole in the pipe damper.**

FUEL FILTER 14

IMPORTANT! **Never use gasoline while smoking or in the immediate vicinity of an open flame.**

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

Make sure that the fuel tank cap is tight.

STORAGE 15

IMPORTANT! **The generator must be stored and transported with a closed vent at all times!**

Storage room has to be dry and free from dust deposits. Storage room also has to be locked away from children and animals. It is recommended to store and use the generator at temperature of -20°C to +40°C. Avoid direct sunlight, rain on the generator.

IMPORTANT! **Warning! Generator is to remain ready for operation at all times. Therefore in case of device malfunctions, they are to be repaired before dismounting the generator for storage.**

IMPORTANT! **Before long-term storage of the generator during the engine work close the fuel valve and let the engine to elaborate gasoline from carburetor. Wait until engine stops itself.**

BEFORE LONG-TERM GENERATOR IDLE TIME – PERFORM THE FOLLOWING ACTIONS:

- Generator and engine external parts (especially the cooling radiators) are to be thoroughly cleaned.
- Carburetor float chamber screw has to be removed and the chamber – drained.

- Remove the spark plug.
- Oil drain screw is to be removed and the oil – drained.
- Pour one teaspoon of motor oil to the cylinder (5-10 ml). After that – pull the starter cord for a few times, to let the oil equally distribute on the cylinder walls.
- Install the spark plug.
- Pull the starter handle until you feel the resistance. to let the piston relocate to the upper pressure tact point.
- Smoothly release the starter handle.
- Remove the battery terminals. Grease the battery terminals and connecting terminals with grease to protect against oxidation.

GENERATOR TRANSPORTATION 16

IMPORTANT! **We recommend filling the fuel tank only 70% to avoid fuel spillage during generator operation and transportation.**

For easy generator transportation use packaging, which generator was sold in. Secure the box with the generator so that it does not tip over during transportation. Before moving the generator drain the fuel.
To move the generator from one place to another lift it by holding the frame. Be careful - the generators are heavy (40 to 90 kg). At least two men are needed to move the generator. Be careful, do not expose your feet under the frame of the generator.

GENERATOR DISPOSAL 17

To prevent environment damage generator should be separated from ordinary waste. Please recycle them in the safest way, passing it to special place for disposal.

WARRANTY SERVICE TERMS 18

The international manufacturer warranty is 1 year. The warranty period starts from the date of purchase. In cases when warranty period is longer than 1 year according to local legislation please contact your local dealer. The Seller which sells the product is responsible for granting the warranty. Please contact the Seller for warranty. Within the warranty period, if the product fails because of defects in the production process, it will be exchanged on the same product or repaired.

All faults caused by the manufacturer during the warranty period will be eliminated free of charge. Warranty repair is carried out only if you have a fully completed warranty card, the Buyer's signature of acceptance of the warranty terms, as well as a document supporting the purchase (cash receipt, sales slip or invoice). In the absence thereof, as well as in the event of errors or corrections not authenticated by the seller's seal or illegible inscriptions in the warranty card or tear-off coupon, no warranty repair is carried out, no objections to quality are accepted and the warranty card is withdrawn by the service center as invalid. The device is accepted for repair clean and full.

EC Declaration of Conformity

Nr. 266

The following products have been tested by us with the listed standards and found in compliance with the European Community Machinery Directive 2006/42/EC, Electromagnetic compatibility Directive (EMC) 2014/30/EC, Noise Directive 2000/14/EC.

Manufacturer: DIMAX INTERNATIONAL GmbH

Address: Flinger Broich 203, 40235 Duesseldorf, Germany

Product: Inverter generator "K&S BASIC"

Type / Model: KSB 18i S, KSB 20i S

The statement is based on a single evaluation of above mentioned products. It does not imply an assessment of the whole production and does not permit the use of the test lab. logo. The manufacturer should ensure that all product in series production are in conformity with the product sample detalied in this report. The applicant should hold the whole technical report at disposal of the competent all the right.

Applied EC Directives:
2006/42/EC Machinery Directive
2014/30/EU Electromagnetic compatibility Directive (EMC)
2000/14/EC Noise Directive
(EU) 2016/1628 Non-Road mobile machinery emissions

Applied Standards:
EN ISO 8528-13:2016
EN 55012:2007/A1:2009
EN IEC 61000-6-1:2019

Gasoline engine KSB 90i corresponds to European Emission Standard Stage V.
This is confirmed by EU TYPE-APPROVAL CERTIFICATE.

2000/14/EC_2005/88/EC Annex VI
For models KSB 18i S, KSB 20i S Noise Lwa guaranteed Lwa= 95 dB (A)

CE 25

Issued Date: 2026-01-13
Place of issue: Duesseldorf
Director: Fomin P.

DIMAX
International GmbH
Flinger Broich 203 40235 Düsseldorf
USt-ID DE296177274
koenner-soehnen.com

We DIMAX INTERNATIONAL GmbH hereby declare that specified above conforms covering European Parliament and Council Directives, 2006/42/EC of 17 May 2006 Machinery Directive, Electromagnetic compatibility Directive (EMC) 2014/30/EC of 26 February 2014, Noise Directive 2000/14/EC of 8 May 2000. The CE mark above can be used under the responsibility of manufacturer. After completion of an EC declaration of Conformity and compliance with all relevant EC directives.

CONTACTS

Deutschland:
Hergestellt unter Lizenz und Kontrolle der DIMAX International GmbH.
Importeur und Vertreter in Deutschland:
DIMAX International GmbH, Flinger Broich 203, 40235 Düsseldorf, Deutschland. Produziert in VRC.
amazon@dimaxgroup.com
www.konner-sohnen.com

European Union:
Manufactured under license and control of DIMAX International GmbH,Flinger Broich 203, 40235 Duesseldorf,Germany.
Importer and representative in Netherlands DIMAX International Poland Ltd,Południowa 8 st, 05-830 Stara Wieś, Poland. Assembled in PRC.
amazon@dimaxgroup.com
www.konner-sohnen.com

The United Kingdom:
Innovation Trade Ltd., 5th Floor, 167-169 Great Portland Street, London, W1W 5PF, sales.uk@dimaxgroup.com
Technical support
support.uk@dimaxgroup.de
www. konner-sohnen.uk

France:
Fabriqué sous licence et contrôle de DIMAX International GmbH, Flinger Broich 203, 40235 Düsseldorf, Allemagne.
Importateur et représentant en France et en Belgique DIMAX International Poland Ltd, Południowa 8 st, 05-830 Stara Wieś, Pologne. Assemblé en RPC.
amazon@dimaxgroup.com
www.konner-sohnen.fr

España:
Fabricado bajo licencia y control de DIMAX International GmbH, Flinger Broich 203, 40235 Düsseldorf, Alemania.
Importador y representante en España de DIMAX International Poland Ltd, Południowa 8 st, 05-830 Stara Wieś, Polonia.
Ensamblado en la República Popular China.
amazon@dimaxgroup.com
www.konner-sohnen.es

Polska:
Wyprodukowano na licencji i pod kontrolą DIMAX International GmbH,Flinger Broich 203, 40235 Duesseldorf, Niemcy.
Importer i przedstawiciel w Polsce:
DIMAX International Poland Sp.z o. o. ul. Południowa 8, 05-830 Stara Wieś, Polska. Zmontowany w CRL.
amazon@dimaxgroup.com
www.konner-sohnen.pl

Україна:
Виготовлено за ліцензією та під контролем DIMAX International GmbH,Flinger Broich 203, 40235 Дюссельдорф, Німеччина.
Імпортер та представник в Україні:
ТОВ "ТЕХНО ТРЕЙД КС"вул. Електротехнічна 47, 02225, м. Київ, Україна. Змонтовано в КНР
www.konner-sohnen.com.ua