

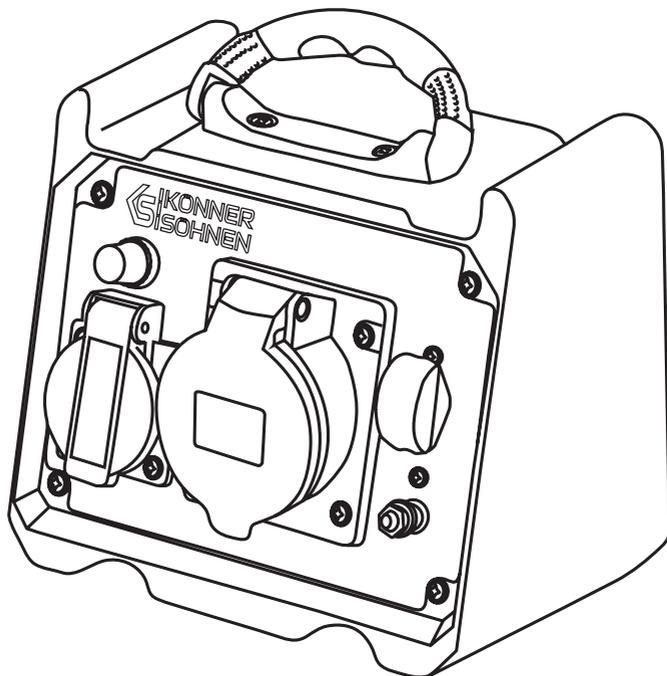
Please, read this manual
before use!

Instruction



Parallel connection box

KS PU1





Thank you for your purchase of **Könnner & Söhnen®** products. This manual contains a brief description of safety, use and debugging. More information can be found on the official manufacturer's website in the support section: **konner-sohnen.com/manuals**.



Please, read this manual before use!

Manufacturer reserves the right to make alterations into the generators, which may not be reflected in this manual. Pictures and photos of the product may vary from its actual appearance. At the end of this manual, You may find contact information which you are free to use in case of any issues occurrence.

All data, specified in this operation manual is the most up to date for the moment of its publishing. The current list of service centers you can find at the website of official importer: **www.konner-sohnen.com**

SAFETY INFORMATION

1

Do not use the device in conditions of excessive humidity, while standing in water or on moist soil (do not expose it to rain, snow). Do not expose the device to direct sunlight for a long time. Place the device on a flat, hard surface, away from flammable liquids/gases (at a minimum distance of 1 m). Keep unauthorized persons, children, and animals away from work area. Wear safety shoes and gloves.

ELECTRICAL SAFETY

1.1



WARNING - DANGER!



The device generates electricity. Observe safety precautions to avoid electric shock.

The device wiring diagram must comply with the installation rules and applicable regulations. Connect the device to the protective ground before operation using the terminal located on the device control panel. To avoid electric shock, do not use damaged wires as well as damaged or rusty contacts.



PLEASE NOTE!



Use the product for its intended purpose only. Using the device for purposes other than intended deprives the customer of a right to free warranty service.



WARNING - DANGER!



Do not operate the generator parallel connection box when you are tired or under the influence of potent drugs, narcotics or alcohol. Inattention during operation can cause serious injuries.

PARALLEL UNIT

KS PU1 generator parallel unit from Könnner & Söhnen® allows to increase the total output power of generators by connecting two inverter generators together. Parallel connection of any two generator models provides output power equal to the combined rated powers of these models. At the same time, parallel connection of generators entails a power loss of 0.2 kW of the aggregate rated power which can be obtained.





PLEASE NOTE!

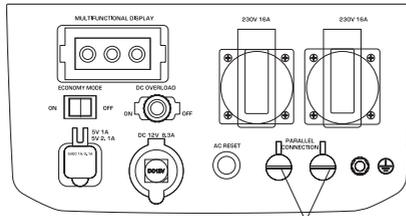


The manufacturer reserves the right to make changes in the product design, configuration and construction. Illustrations in this manual are for reference only and may differ from actual components and inscriptions on the product.

DISCLAIMER:

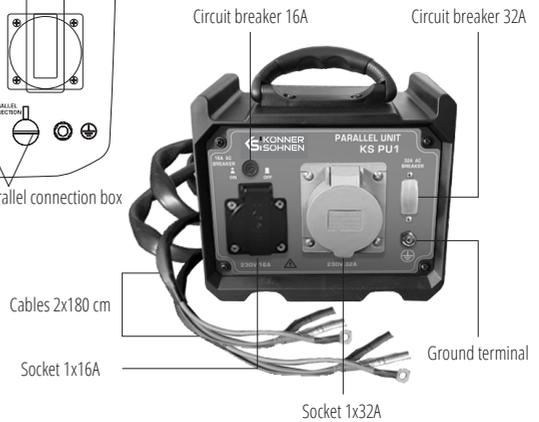
This material is for informational purposes only and does not constitute a manual for installing the equipment or connecting it to the mains, but we strongly recommend that you read the instructions below. Equipment connection must always be carried out by a certified electrician responsible for the 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.

Generator control panel

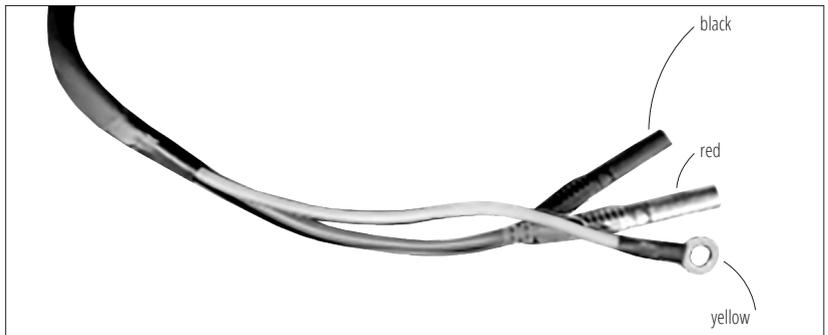


Connector for parallel connection box

Generator parallel connection box



Cables



Each cable of the KS PU1 generator parallel connection box has three wires: red, black and yellow: The red wire is connected to the red connector on the generator control panel ("+" to "+"); the black wire is connected to the black connector on the generator control panel ("- to "-"); and the yellow wire is connected to the ground terminal.

Voltage, V	230	
Sockets with protective covers	1x16A	1x32A
Circuit breaker	+	+
Maximum power, kW	7	
Cable length, cm	2x180	
Cable	AWG 2.08 mm ²	
Net weight, kg	1.36	

Prior to connecting the box to the generators, make sure the generators are turned off and power consumers are disconnected.

DEVICE OPERATION

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1. Connect the wires of both cables of the parallel connection box to the corresponding connectors on the generator control panel.
2. Start the generator according to its operating instructions.
3. Connect the power consumers to the sockets of the KS PU1 generator parallel connection box.
4. Set the KS PU1 circuit breaker to "ON".
5. Turn on the connected power consumers.



PLEASE NOTE!



Before connecting any power consumers to the box, make sure they are in good working order.

STOPPING THE GENERATOR

3

1. Turn off the connected power consumers.
2. Set the KS PU1 circuit breaker to "OFF".
3. Disconnect the power consumers from the sockets of the KS PU1 generator parallel connection box.
4. Stop the generator according to its operating instructions.
5. Disconnect the wires of both cables of the parallel connection box from the connectors on the generator control panel.

WARRANTY SERVICE TERMS

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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.

CONTACTS

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