

**Please, read this manual
carefully before use!**

Owner's Manual



Extra battery for power station

KS EXB-2400





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

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 **Könnner & Söhnen®** at **www.konner-sohnen.com**



*Please, read this manual
carefully before use!*

The manufacturer of **Könnner & Söhnen®** products reserves the right to make changes that may not be reflected in this manual, namely:

- 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 and belief at the date of its 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.

SECURITY AND MAINTENANCE

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1. Do not use the product near a heat source, such as a fire source or a heating furnace.
2. Avoid contact with any liquid. Do not immerse the product in water or get it wet, Do not use the product in rain or humid environments.
3. Do not use the product in an environment with strong static electricity/magnetic fields
4. Do not disassemble the product in any way or pierce the product with sharp objects.
5. Avoid using wires or other metal objects that may result in a short circuit
6. Do not use unofficial components or accessories. If you need to replace any components or accessories, please visit official channels to check relevant information.
7. When using the product, please strictly follow the operating environment temperature specified in this user manual. If the temperature is too high, it may result in a fire or explosion, if the temperature is too low, the product performance may be severely reduced, or the product may cease to work.
8. Do not stack any heavy objects on the product.
9. Do not lock the fan forcibly during use or place the product in an unventilated or dusty area.
10. Please avoid impact, falls, or severe vibrations when using the product. In case of a severe external impact, turn off the power supply immediately and stop using the product. Ensure the product is well fastened during transportation to avoid vibrations and impacts.
11. If you accidentally drop the product into water during use, please place it in a safe open area, and stay away from it until it is completely dry. The dried product should not be used again, and should be properly disposed of according to local laws and regulations on battery recycling and disposal.

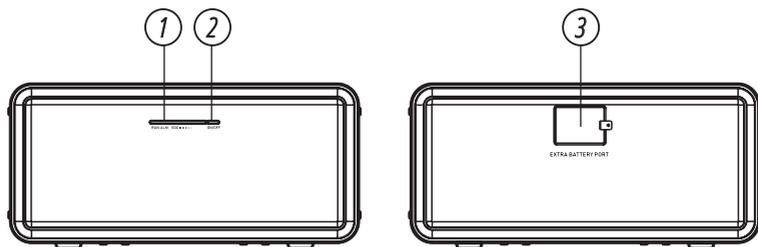
12. Use a dry cloth to clean off dirt on the product ports.
13. Rest the product on a flat surface to avoid damages caused by the product falling over. If the product is overturned and severely damaged, turn it off immediately, place the battery in an open area, keep it away from combustible matter and people, and dispose of it in accordance with local laws and regulations.
14. Ensure that the product is kept out of reach of children and pets.

MAIN OVERVIEW

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COMPONENT DESCRIPTION

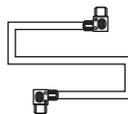
1. Extra battery indicator
2. Main Power Button
3. Extra battery port



PACKING LIST



Extra battery



Extra battery cable



User manual



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 schematic and may not match the parameters of original product.

SPECIFICATIONS

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Model	KS EXB-2400
Rated power	2400 W
Capacity	2240 Wh 50 Ah/44,8 V
Battery Type	LiFeP04
Extra battery port	42-50,4 V Max 2400 W
Dimensions	409×299×192 mm
Weight	19,7 kg

HOW TO USE IT:

1. KS EXB-2400 should be used with KS 2400PS, it cannot be used separately.
 2. Short press the Main Power Button to turn on the product, the indicator will light up. The product enters sleep mode after 5 minutes of idle operation, the indicator will automatically turn off. When the product senses any load change or operations, the indicator will automatically light up.
- To turn the indicator on or off, please short press the Main Power Button.
3. To power off the product, press and hold the Main Power Button. The default product standby time is 2 hours. With other Power Buttons turned off and no other load access for 2 hours, the product will automatically shut down.
 4. KS 2400PS can support up to two KS EXB-2400 Extra Battery to meet more extensive capacity requirements.

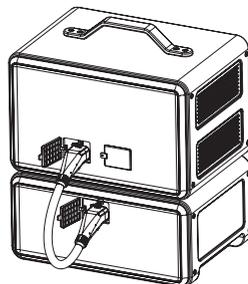


IMPORTANT!



Please carefully read the following notes before using.

1. Before connecting the Extra Battery to the KS 2400PS, please make sure to power off the KS 2400PS and KS EXB-2400.
2. After connecting the Extra Battery to KS 2400PS, you need to make sure that the Extra Battery icon appear on LED screen.
3. DO NOT connect the KS EXB-2400 to KS 2400PS while discharging or charging, if you need to remove the Extra Battery Cable, please make sure that the KS EXB-2400 and KS 2400PS are both powered off.
4. DO NOT touch the metal Extra Battery Port with your hands or other objects. Gently wipe it clean with a dry cloth when unrelated material are attached to the metal port.
5. Tightly connect the Extra Battery Cable with KS 2400PS and the KS EXB-2400.



WARNING!



Failing to comply may heat the connection and affect the device's performance or lead to a fire.

OPERATING TEMPERATURE RANGE:

Low temperature may affect the battery capacity of the product.

Storage Temperature -10 – 45°C

Operation Temperature -10 – 40°C

Charging Temperature 0 – 40°C

FREQUENTLY QUESTIONS & ANSWERS

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1: What is the battery type?

LiFePO4 Battery.

2: Can the product be taken on the aircraft?

No, According to the airline transportation standards, 100Wh capacity of lithium battery can not board the aircraft.

3: How to estimate the working time of the product?

The LED display of this product can help you better understand the working status of the power supply.

How to store the product?

Before storing, please turn off the product first, and then store it in a dry, ventilated place at room temperature. Do not place it near water sources. For long-term storage, please discharge the battery to 30% and recharge it to 60% every three months to extend its battery life.

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.



EC Declaration of Conformity

Nr. 179

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

Manufacturer: DIMAX INTERNATIONAL GmbH
Address: Flinger Broich 203, 40235 Duesseldorf, Germany
Product: Extra battery for power station "Könner & Söhnen"
Type / Model: KS EXB-2400

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 detailed in this report. The applicant should hold the whole technical report at disposal of the competent all the right.

Applied EC Directives: 2014/30/EC Electromagnetic compatibility Directive (EMC)
Directive 2011/65/EU (RoHS) as last amended by
Directive (EU) 2015/863

Applied Standards: EN 55032: 2015+A11: 2020
EN 55035: 2017+A11: 2020
EN IEC 61000-3-2: 2019+A1: 2021
EN 61000-3-3: 2013+A2: 2021
IEC 62133-2:2017
IEC 62133-2:2017/AMD1:2021
EN 62133-2:2017
EN 62133-2:2017/A1:2021



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Fomin P.

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We DIMAX INTERNATIONAL GmbH hereby declare that specified above conforms covering European Parliament and Council Directives, Electromagnetic compatibility Directive (EMC) 2014/30/EC of 26 February 2014. 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.

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