

KOPP Energy

# Holistic solutions for the future for intelligent energy management



Clever sein.  
Kopp einschalten.

**Kopp**

# Die Heinrich Kopp GmbH – a leading manufacturer of electrical installation material.

Kopp has been a leading supplier of electrical installation materials for over 95 years and offers a comprehensive range of products that cover the entire range of requirements for an efficient and reliable solar energy solution. With a wide range of PV modules, inverters and accessories, Kopp enables both private and business customers to create customized photovoltaic systems, tailored to their specific requirements.

Overall, Kopp offers a comprehensive product range that includes everything required for the planning, installation and operation of a high-performance PV system. Kopp's commitment to quality and innovation, Kopp is a first-class choice for customers looking for reliable and efficient solar energy solutions

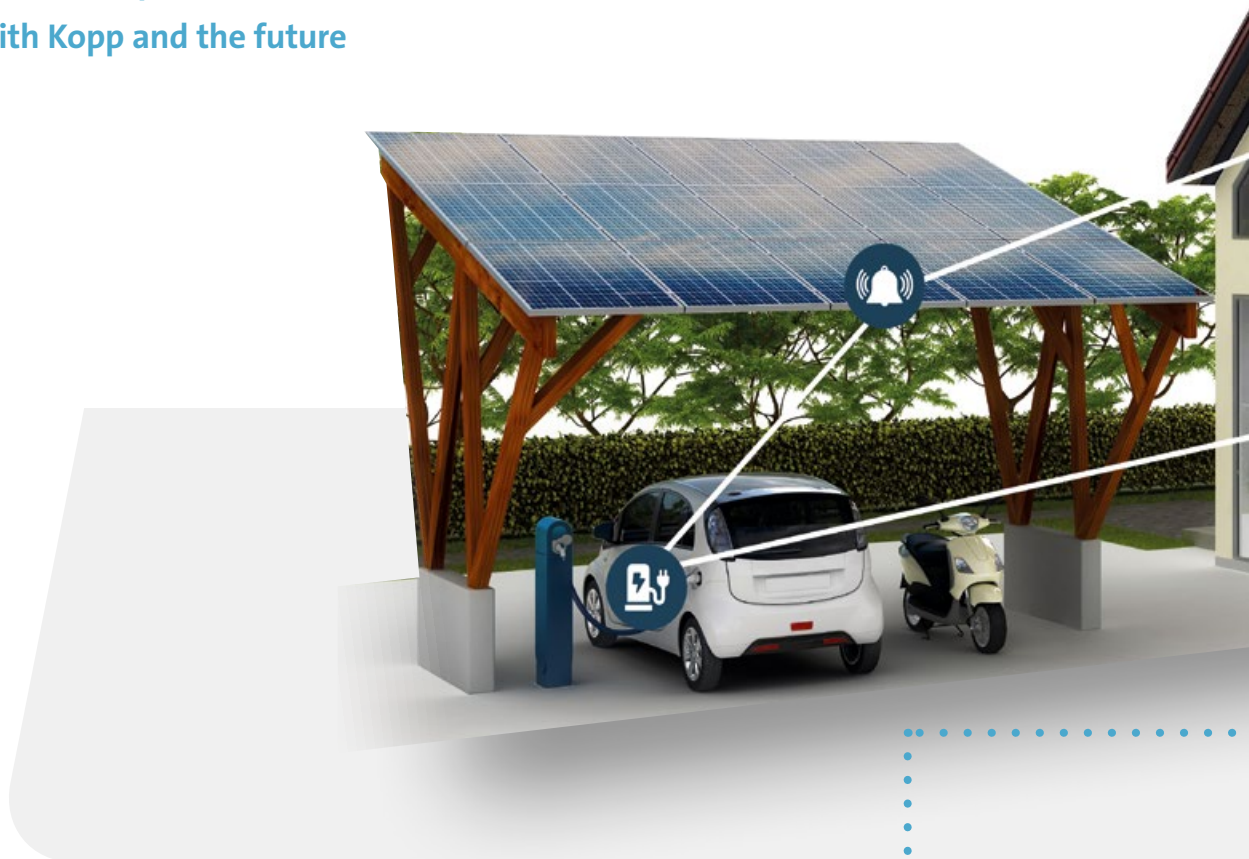




# KOPP Energy – Holistic future solutions for intelligent energy management

With the new range, Kopp offers complete solutions from a single source – from PV modules inverters and storage units, which are closely linked to our comprehensive Bluetooth-based smart home system and thus works in a holistically energy-optimized way. All applications are networked with each other so that energy can be generated, stored and used intelligently.

**Many applications, one complete solution  
everything right with Kopp and the future  
starts today.**

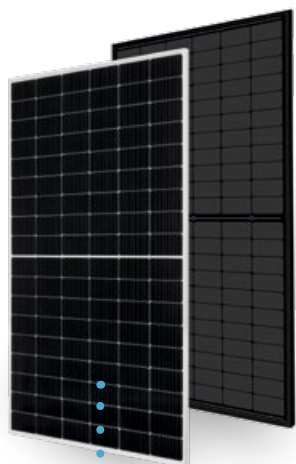


## Inverters

The inverters from Kopp include a wide range of options, including hybrid and string string inverters in three-phase and single-phase variants

→ [Page 7](#)

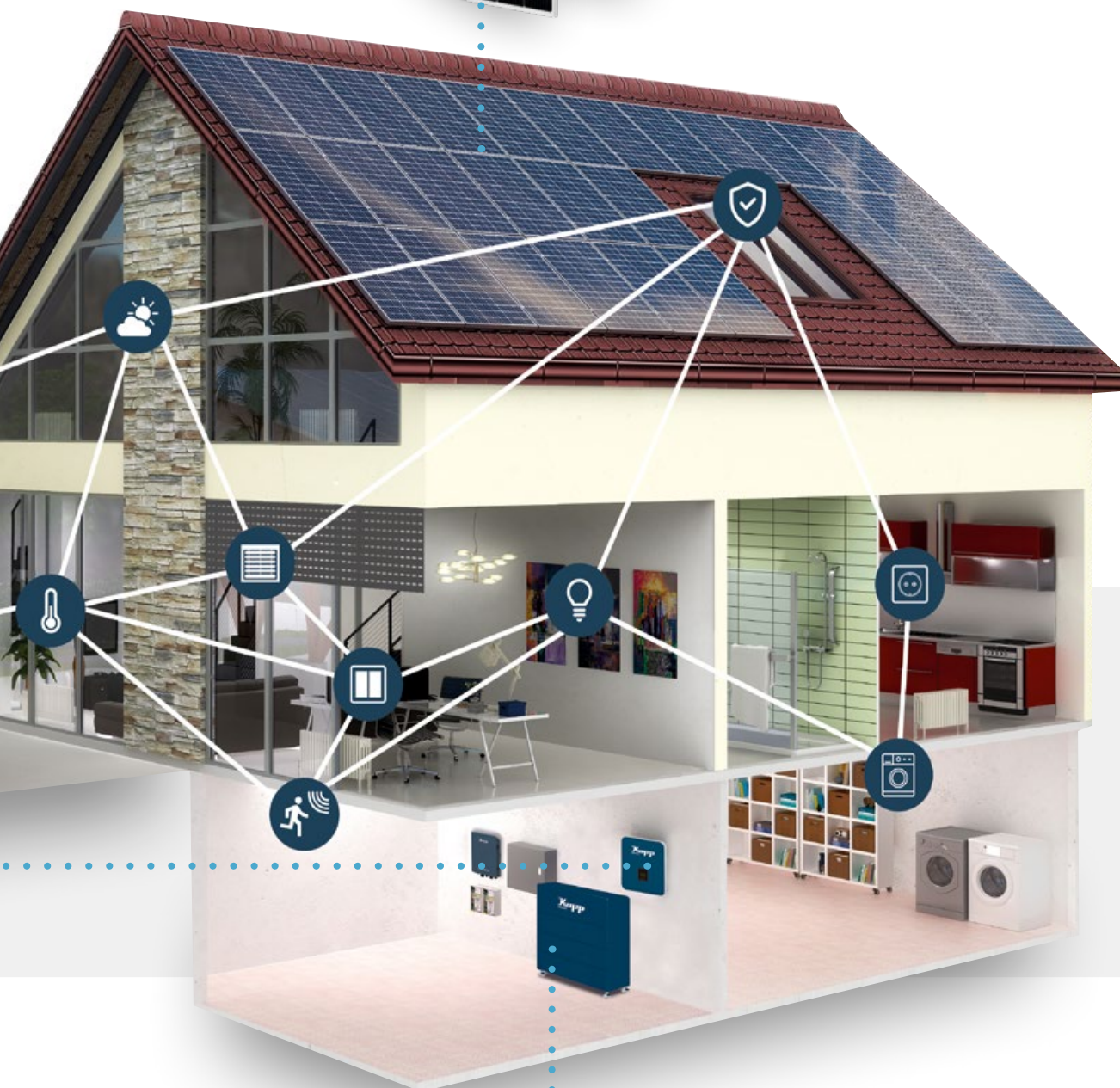




## Photovoltaic modules

The range includes monocrystalline and heterojunction modules. Whether glass/glass or glass/foil, at KOPP you will find almost all designs in a power range from 400 to 700 Wp.

→ Page 6



## Power storage

When photovoltaic systems generate more electricity than is currently being consumed, storage solutions/energy storage systems can store this so-called "surplus" electricity and release it again when needed. This increases the proportion of usable, green electricity and relieve the load on the power grid at the same time.

→ Page 8



# KOPP photovoltaic modules

opp offers a wide range of module outputs and technologies that are suitable for different installations.

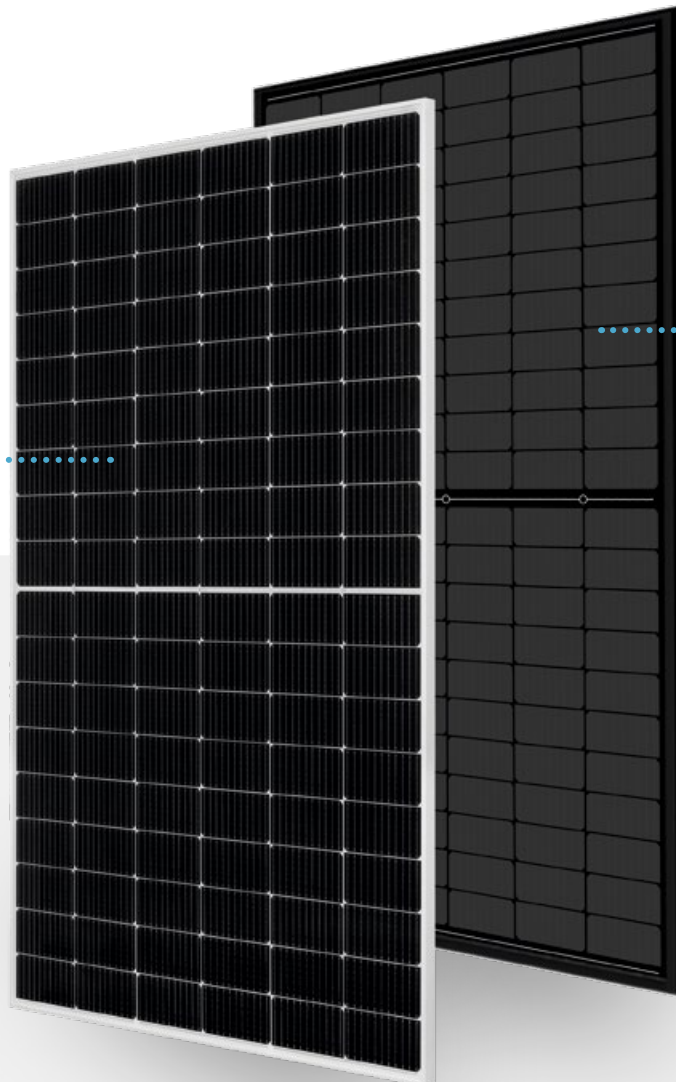
Kopp modules currently have a power range from 400 to 700 Wp, with glass/foil and glass/glass. Kopp is increasingly focusing on topcon and heterojunction technologies with up to 4 % more power compared to perc technology.



More information  
at [kopp.eu](http://kopp.eu)

- ✓ Higher performance, due to less mismatching
- ✓ Improved ROI / reduced BOS
- ✓ Resistant to hail, sand, acid and alkali
- ✓ Up to 2400 pa wind load
- ✓ Up to 5400 pa snow load
- ✓ Anti PID
- ✓ Product guarantee > 15 years
- ✓ Performance guarantee > 30 years

Certification of



Aluminum frame

black frame



## KOPP inverters

The Kopp inverters are designed for private and small-medium commercial installations and offer the highest performance and versatility for a higher yield potential and longer generation time windows.

Kopp's product range not only offers string inverters as single-phase and three-phase systems from 2 to 25 kW but also hybrid inverters up to 20 kW in conjunction with Kopp battery solutions.

- ✓ High efficiency between 97.4 and 98.6 %
- ✓ Low starting voltage
- ✓ IP65 protection class
- ✓ High reliability
- ✓ Remote monitoring via web portal or app
- ✓ Improved safety functions



More information  
at [kopp.eu](http://kopp.eu)

# KOPP electricity storage

If photovoltaic systems generate more electricity than is currently being consumed, storage solutions/energy storage systems can absorb this so-called "surplus" electricity and release it again when needed. In this way, they increase the proportion of usable, green electricity and relieve the load on the power grid at the same time.

KATANA is a lithium iron phosphate-based energy storage system that can be individually expanded. In addition to the BMS (Battery Management System), between 2 to 6 modules can be stacked on top of each other to achieve a capacity of 8.7 to 20.3 kWh. This modular system is therefore perfect for PV beginners who want to increase their decentralized energy generation. The KATANA series is compatible with all inverters and PV modules from the Kopp range.



More information  
at [kopp.eu](https://kopp.eu)

- ✔ 8.7 to 20.3 kWp usable capacity
- ✔ Built-in aluminum heat sink
- ✔ Compact design with flexible size options
- ✔ IP54 protection class
- ✔ 10 year warranty







## KOPP Smart Flex

The patented Kopp Smart Flex is a system that consists of two or four fold-out photovoltaic modules that greatly speed up installation.

- ✔ One kilowatt can be installed on the roof in less than 3 minutes.
- ✔ Faster installation and less manpower required
- ✔ Delivery in reusable boxes – no waste on the construction site
- ✔ Easy to install
- ✔ Quick installation thanks to "plug'n'play"
- ✔ Easy disassembly also makes the product suitable interesting for apartment buildings
- ✔ Suitable for modules over 2 m<sup>2</sup> (550–700Wp)
- ✔ Incl. modules, ballast stones, completely pre-assembled



Kopp Smart Flex  
on youtube



More information  
at kopp.eu





Heinrich Kopp GmbH  
Alzenauer Straße 68  
63796 Kahl/Main  
GERMANY

phone: +49 6188 40-0  
Fax: +49 6188 8669  
E-Mail: [vertrieb@kopp.eu](mailto:vertrieb@kopp.eu)

[www.kopp.eu](http://www.kopp.eu)

Clever sein.  
Kopp einschalten.

**Kopp**

04.2024