

21. Februar 2020 | Company Profile

KATEK Memmingen GmbH – Part of KATEK Group



We are KATEK Memmingen

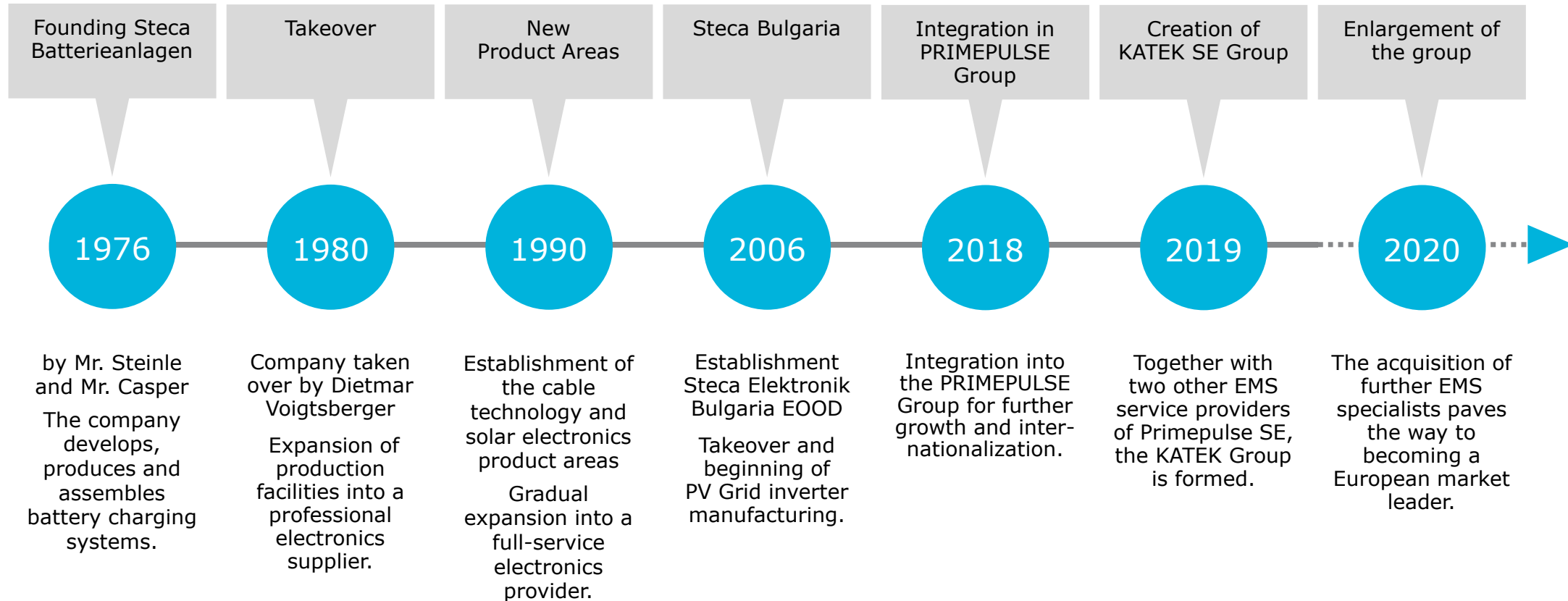
An innovative electronics company



- Sustained growth as a medium-sized company, stable in the network of the KATEK SE Group
- Long-standing experience and innovation power
- We stand for mutual appreciation, transparent communication and prudent decision-making
- We passionately serve our customers and provide an unrivalled service.
- Through technological prominence and global partnerships, we are assured of a successful future together.

Our History

A road full of ideas



Location

Memmingen



- 450 employees
- Research and development, marketing and sales, as well as logistics and production of electronic devices, complete electronic systems for home appliances, industry and automotive, solar electronics and battery charging systems, service

Location

Saedinenie - Bulgarien



- 270 employees
- Production of cable technology, electronic devices and complete electronic systems

Plant Sites

Germany and Bulgaria



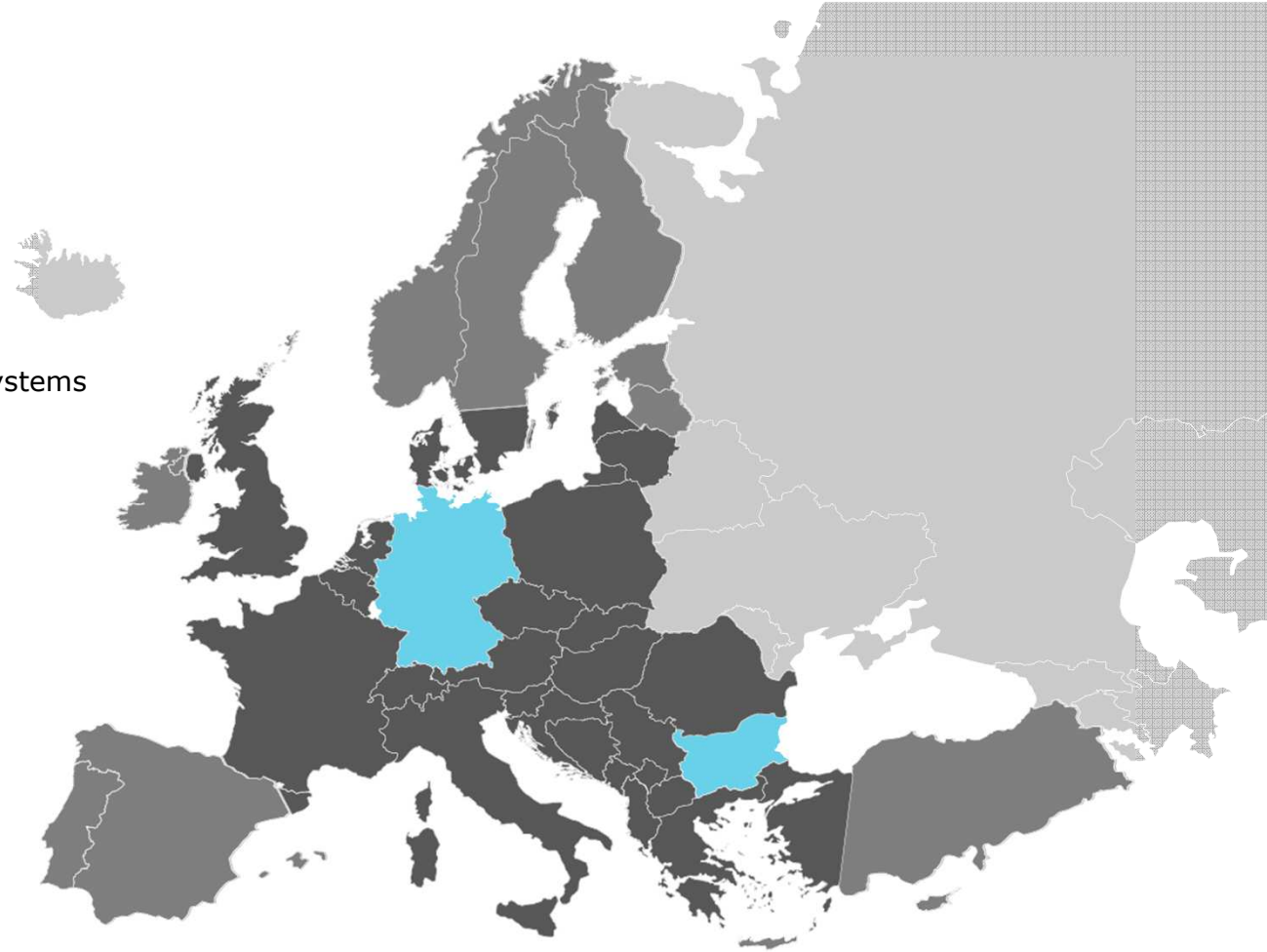
450 employees

- Research and development
- Sales
- Industrialisation
- Production of electronic devices and complete electronic systems
- After Sales and Service



270 employees

- Industrialisation
- Production of cable technology, electronic devices and complete electronic systems



Integration into the PRIMEPULSE Group

PRIMEPULSE

VISION TECHNOLOGY

Machine Vision &
Industrial Automation

STEMMER[®] 1)
IMAGING

ELECTRONICS

Original Design
Manufacturing (ODM)
Electronic Manufacturing
Services (EMS)

KATEK
Lead the category

DIGITAL SOLUTIONS

Multi Cloud Services

gab **EXACTLY**
EXACTLY IT Solutions
the digital transformation experts

POLECAT[™] **UNIFY**²
Unified Communications, Accelerated

mindcurv[™]

INDUSTRIES

Automotive
Gardentech
Air Technology

AL-KO

KATEK Memmingen – The Company

KATEK Group

Services as EMS-Provider



Home Appliances and Consumer Electronics



Automotive



Industrial Electronics



Medical Technology



Solar & Energy

Steca – A KATEK Brand

Solar & Energy



PV Grid Connected



PV Off Grid Systems



Solar Thermal



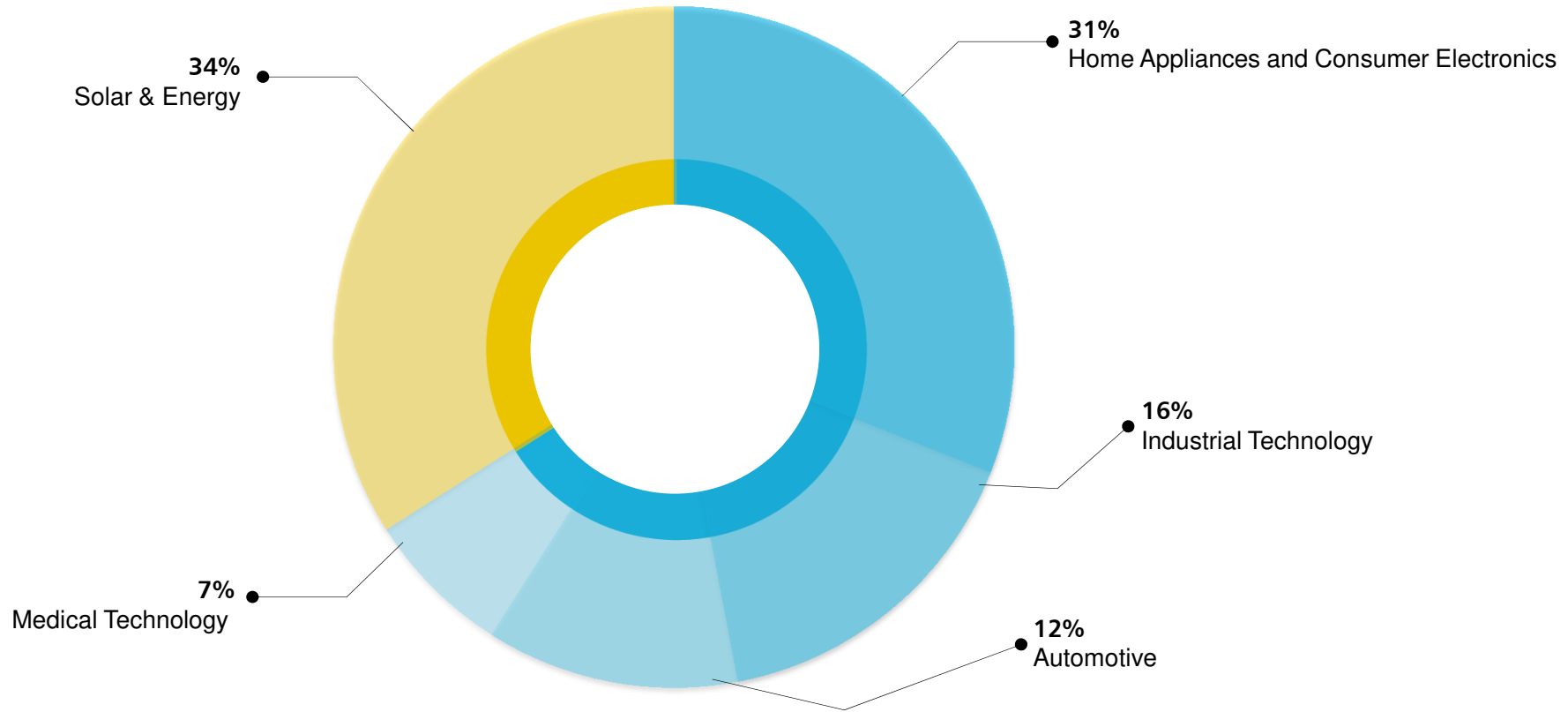
Battery Charging Systems



Storage Systems

Sales Distribution



According to fields



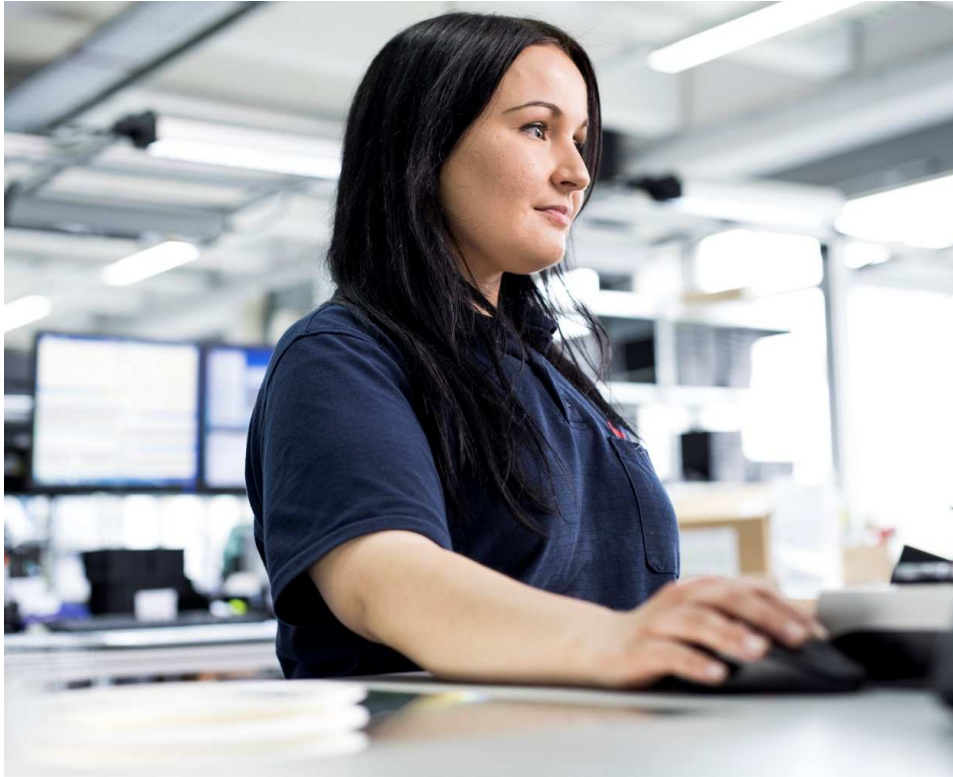
KATEK Memmingen

Regional and International



-  KATEK Memmingen and Steca Elektronik Bulgaria EOOD
-  Sales partners

Magnificent Service



- Monitoring during all process steps – customer satisfaction from development to after-sales service phases
- Comprehensive quality and environmental management

“The goal of KATEK Memmingen GmbH is to manufacture products that comply with market and environmental requirements but above all, meet customer expectations.”

(Extract from Corporate Policy 2013)

We guarantee quality

Steca Elektronik Bulgaria is certified according to :



- Plant monitoring according to VDE, UL, CSA



EMS provider

Location Bulgaria



Electronics production

- SMT assembly
- THT assembly
- Lead-free solder processes
- IC tests
- Assembly of terminal equipment
- Final function and safety tests



EMS provider

Location Bulgaria



Cable technology

- Trimming, stripping, rotational skinning, printing
- Assembling, crimping, tinning
- Bundling, bandaging, ultrasonic welding, extrusion coating
- Mechanical and electrical cable test
- Mounting

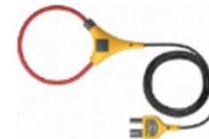


Electronics service provider

Medical Technology

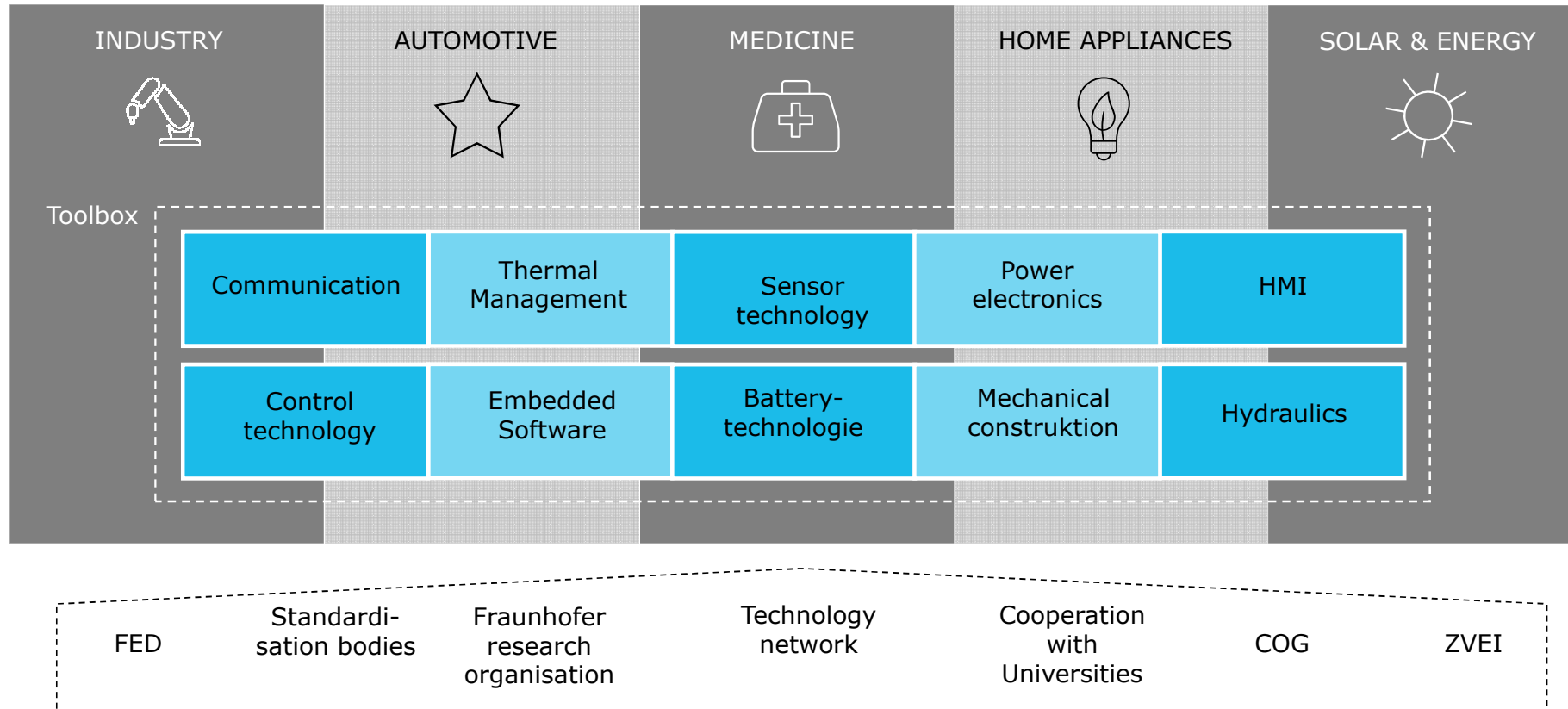


- Dental technology for practice and laboratory facilities
- Mobile heart defibrillators
- Microscopy
- Pipette- and analyser devices



Electronics service provider

INNOVATION PLATFORM



Solar & Energy



Solar & Energy

Product Brand Steca



PV grid connected



Solar thermal



Storage systems



PV off grid



Battery charging systems

PV grid connected

Solutions for ...



For single-family houses and apartment buildings



1.500 W up to several 10.000 W

- Peak efficiency 98.6 %, European efficiency up to 98.3 %
- Very long service life
- The market's lightweights
- For use in and outdoors
- For 1- and 3-phase grid feeding



PV grid connected

Coolcept Topology



coolcept is efficient

Stable peak efficiency over the entire power range ensures maximum yields.



coolcept is cool

High peak efficiency means the lowest possible heat dissipation. This makes heatsinks unnecessary.



coolcept is long-living

Low heat dissipation and cool components guarantee a long service life.



PV grid connected

Stecagrid Portal



Free web portal for system monitoring

User-friendly online monitoring

Simple installation thanks to plug-and-play

On the StecaGrid Portal, up to five coolcept, coolcept-x, coolcept³ and coolcept³-x inverters can be combined to one system.

Comparison with other systems possible

PV grid connected

Storage systems

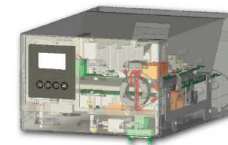


Full speed ahead

Maximising self-consumption

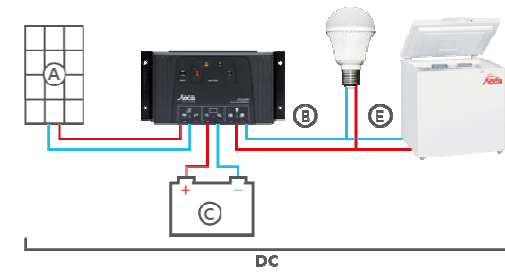
Independence and protection against electricity price hikes

Power electronics for modern home storage systems



PV off grid

Solar Home Systems

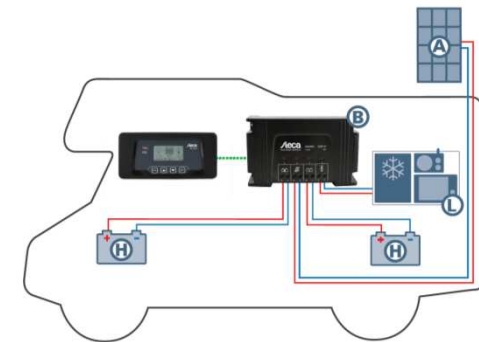


Solar charge controllers,
energy saving lamps,
fridges and freezers

- Power ranges from 6 A up to 30 A, from 12 V up to 24 V
- For supply of living spaces and cottages

PV off grid

Mobile leisure systems



Solar charge controller with remote display

- Dual battery charge controller with 20 A, 12 V and 24 V
- Integrated USB charging port
- Application in boating, leisure and motorhome sectors and in all small to medium-sized stationary PV systems

PV off grid

Night light systems



Solar charge controllers,
MPP trackers

- Power ranges from 6 A up to 140 A, from 12 V up to 48 V
- Important special application of solar home systems



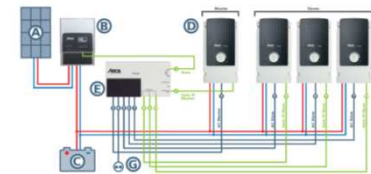
PV off grid

Inverter systems



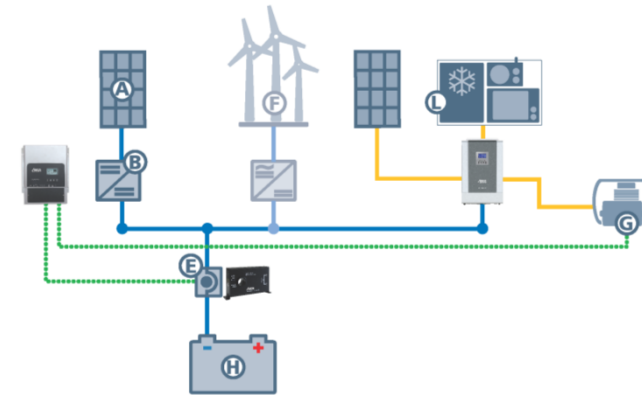
Solar charge controllers
Sine wave inverters

- Power ranges from 450 W up to 5,000 W
- For supply of living spaces and small trade



PV off grid

DC hybrid systems

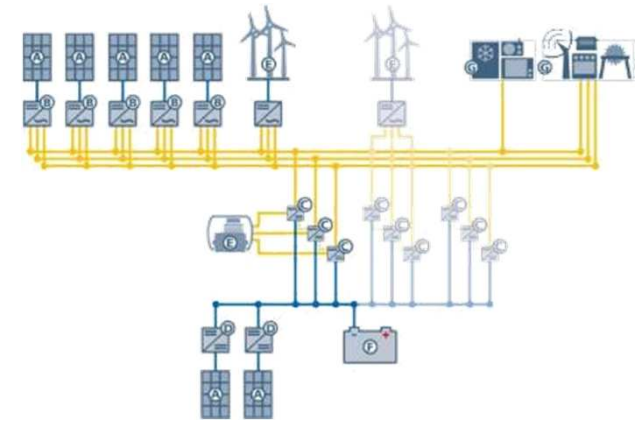


Solar charge controllers
Sine wave inverters

- Power ranges from 500 W up to 8,000 W, parallel connectable up to 72 kW
- Village power supplies and industrial installations

PV off grid

AC hybrid systems



StecaGrid inverters
Sine wave inverters

- Power classes from approx. 10 kW up to several hundred kW
- Village power supplies and industrial installations

Solar thermal

Solar- and system controllers



Temperature differential controllers and system controllers

- Wide range of pre-programmed system types available, with freely configurable functions
- Intelligent control concept regulates thermal management for entire system
- Remote data communication, visualisation and analysis software rather than costly on-site supervision



Battery charging systems

Battery chargers



Areas of application

- Battery charging points
- Parking space supply systems
- Mechanics' workshops

Battery charging systems

Battery chargers



Highlights

- Flexible choice of characteristic curves
- Fully automatic charging process
- Simple display of charging data
- Simple operation
- Long service life of devices
- Battery monitoring during charging
- Energy losses minimised
- Capacity check

Thank you

For your attention

