

# Kontron eSystems GmbH

## Data and Facts

### Headquarters:

Kontron eSystems GmbH  
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Kontron eSystems – a subsidiary of publicly traded Kontron AG – integrates the key technologies driving the energy transition. By combining our core strengths in energy management, e-mobility, and the ODM/EMS services offered under our Electronics<sup>2</sup> portfolio, we deliver a unique range of solutions spanning from concept to volume production. We develop and manufacture power electronics for solar, energy, and charging solutions, connecting vehicles, charging infrastructure, and smart energy management into comprehensive systems. Our deep connectivity and cybersecurity expertise ensures secure, connected products. As a certified automotive supplier and experienced industrial partner, Kontron eSystems guarantees the highest quality standards and complete, efficient system integration from a single source. With approximately 7,000 employees worldwide, Kontron represents industrial strength and innovation leadership.

**Management:** Jochen Paukert, Martin Rausch, Sven Heidenwag

**Employees:** 1.031

**Year of Establishment:** 2018

**Locations:** Wendlingen a.N., Memmingen, Leipzig, Saedinenie (Bulgaria)

## Product Portfolio:

### Fully Networked High-Performance Electronics for the Solar, Energy, and E-Mobility Industries:

#### Charging Solutions:

- Fully networked AC wallbox (for IEC)
- Intelligent and fully networked AC charging equipment (mobile ICCPD charging cables) up to 22 kW, globally approved
- UL Wallbox 19.6 kW (for the US market)

#### Photovoltaics:

- On-Grid Solutions
  - Hybrid Inverters
  - Grid Inverters
  - Grid Transfer Switches
  - Energy Storage Systems
- Off-Grid Solutions
  - Solar Charge Controllers
  - Sine Wave Inverters

#### Smart Home Solutions

- Smart home components for intelligent energy management
- Home Energy Management Solutions
- Energy Management App

#### Production EMS/ODM

- Use of advanced manufacturing technologies and capacities for the production of electronic assemblies, including SMT and THT assembly, up to box-build solutions
- Full process traceability within manufacturing for product safety and traceability
- Integrated plastic manufacturing with a modern machine park for producing technical parts, visible components, and parts with decorated surfaces
- Cleanroom production available upon request
- Design for Manufacturing to optimize manufacturability
- Design to Cost for cost optimization already in the development phase
- Customized logistics solutions for maximum efficiency
- Support for hardware and software development by experts from the Kontron Group
- Manufacturing in the mid to mid-high volume range

**Core Competencies:**

- Connectivity: ISO 15118 standard (Plug'n Charge, HEMS, tariff plans, PV self-consumption charging); EEBUS, OCPP, OTA updates (over-the-air updates)
- Highly integrated system electronics
- Safety: Worldwide product certifications (131 countries)
- Production: ISO 9001, ISO 27001, IATF 16949, ISO 50001, ISO 14001

**Target Markets for Products:**

OEM Energy (photovoltaics, storage, heat pumps, energy management), OEM Charging Infrastructure (wallbox manufacturers), OEM Automotive (vehicle manufacturing), Charge Point Operators (CPOs), electrical retailers, installers, and service providers.

**Target Markets Production Capacities:**

OEM Energy (photovoltaics, storage, heat pumps, energy management), OEM Charging Infrastructure (wallbox manufacturers), OEM Automotive (vehicle manufacturing including Tier 1 and 2 suppliers), Industry, Medical Technology, Defense, Aerospace, Communication

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