

**Professional Power**



**inPOTRON™**

Schaltnetzteile  
Switch Mode Power Supplies

**customized solutions  
Made in Germany**



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inpotron Schaltnetzteile GmbH

[www.inpotron.com](http://www.inpotron.com)

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## **Our profil**

- Development, production and distribution of switch mode power supplies
- Specialized in full customized switch mode power supplies
- No standard products
- Our focus in the range from 0,5 up to 1.000 Watt
- For industry, medical technology, LED Lighting Technology
- Unser range
  - AC/DC, DC/DC, UPS, charging devices
  - open frame, pcb, complete mounted / integrated units
- full-service solution: product concept, development, mechanical design, purchasing, production, logistics and finally after sales service
- Optimized in technology and for a maximum of cost reduction in production
- 100% Made in Germany

## The history

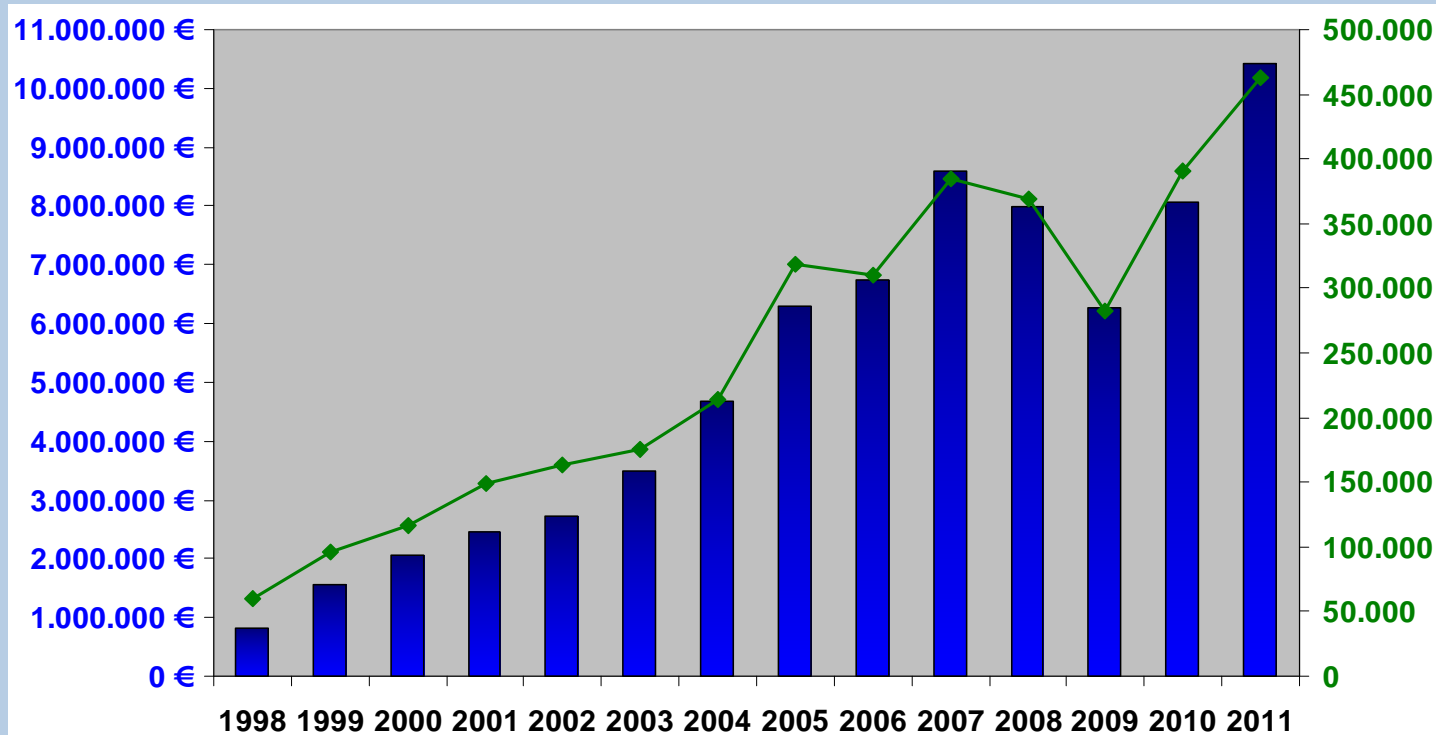
- 1997/1998** Establishment of „Spaun Schaltnetzteile GmbH“, Production starts with 6 employees, main customer: Spaun electronic, turnover: DM 1,6 Mio.
- 1999/2000** Leading on the market thanks innovative employment of synchronous rectifiers. DIN ISO 9001:2000–Certification, product approvals and production monitoring by international recognized org., e.g. UL, CSA, VDE
- 2002** Turnover 2,5 Mio. EUR, 23 employees, production numbers 165.000 pcs p.a.
- 2004** Acquisition of the company building, production expansion by 100%. First medical power supplies, expansion of in-house testing and high automation production
- 2005** Turnover 6,3 Mio. EUR, 45 employess, production numbers 320.000 pcs p.a.
- 2006** First railway power supplies and decision to construct new building
- 2008** Relocation into the new building, 10-year anniversary  
New branding: **inpotron™ Schaltnetzteile GmbH**  
Foundation of excitron GmbH as 100% daughter in Chemnitz

## Figures and facts 2011

- Staff: 80 employees
- Turnover EUR 10,81 Mio.
- Production quantities
  - 2.100 Power Supplies / Day
  - 460.000 Power Supplies / Year
- 3,8 Mio. produced power supplies since foundation
- 400 active products
- 60 new projects p.a.
- 90 customers worldwide
- production continuous controlled
- certified to DIN ISO 9001:2000



## Turnover 1998 – 2011 and production numbers

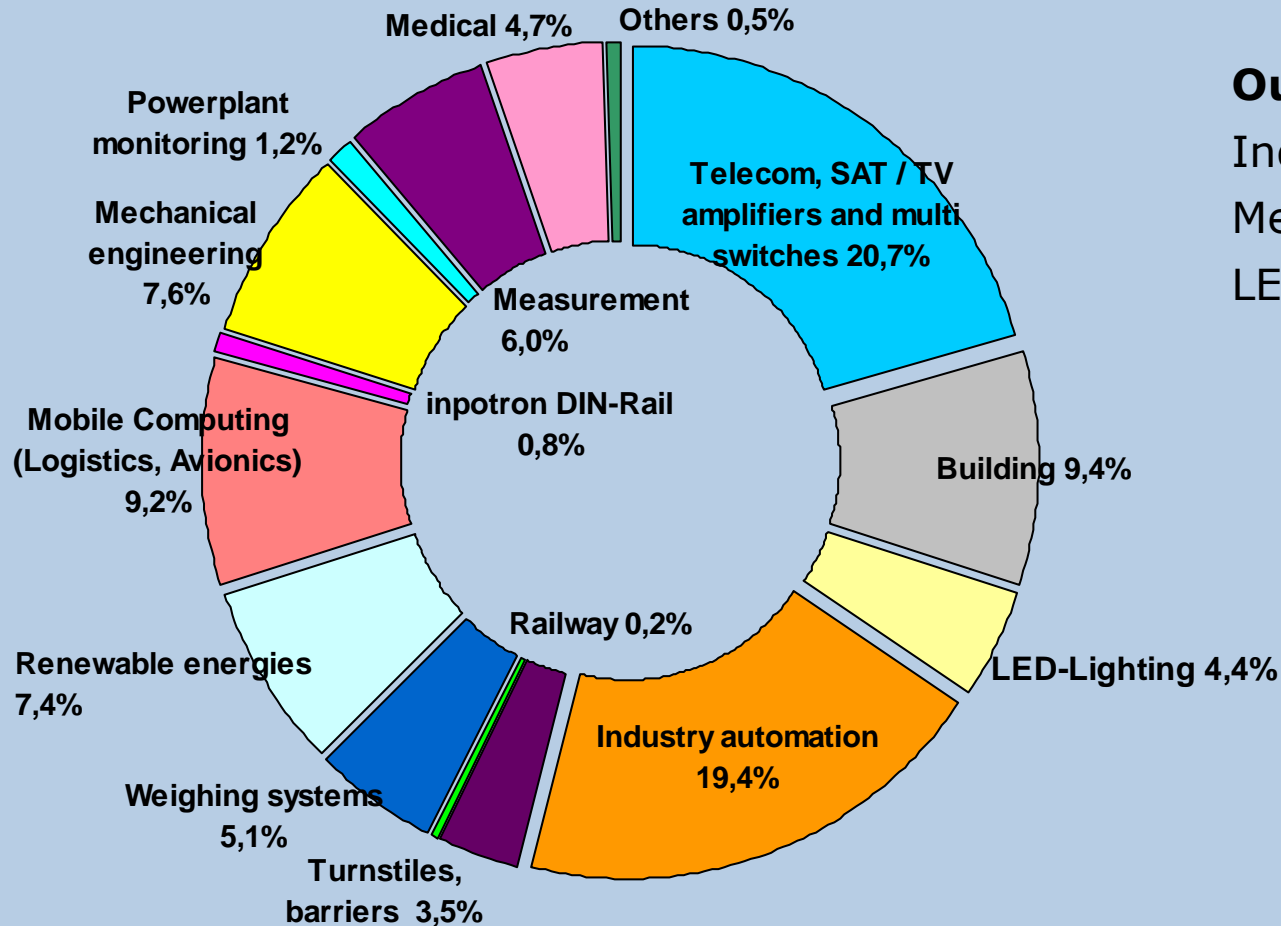


### 2011

Turnover:  
10,81 Mio. EUR

Production:  
460.000 power units  
ca. 2.100 Stk. daily

## Turnover by industrial sectors 2011



### Our main sectors:

- Industry
- Medical Technology
- LED Lighting Technology

## Impressions: From idea to product

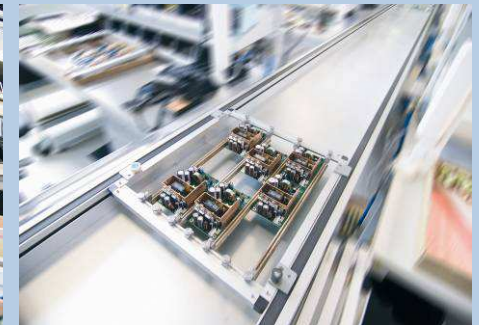
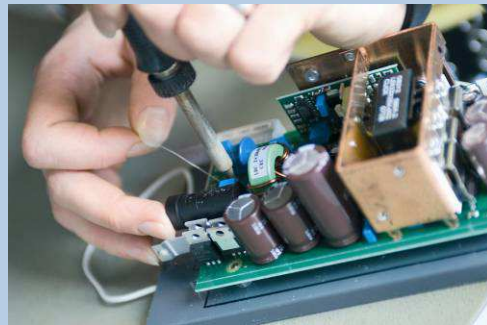


**R&D:** Concept, layout, development, prototyping, test, EMC-check



**SMD:** 5 production lines, with nitrogen atmosphere, barcode verification

## Impressions: From idea to product

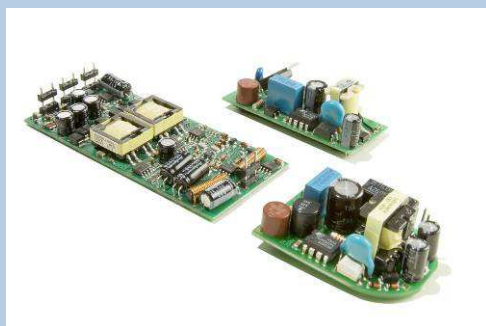


**surface mounting and THT-assembly: 2 lines, up to 32 products simultaneous**



**2 solder waves with nitrogen, own test system engineering, 100% final inspection**

**Our range:  
AC/DC, DC/DC, UPS, constant current, charging devices**



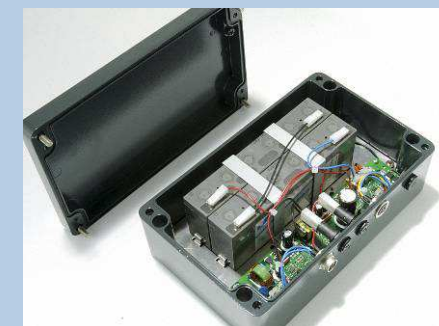
open board



open frame



DIN-Rail



UPS, charging dev.



19" complete units



Customized housings, incl. mechanical design, assembly and packaging



Table-, Wall-, rack-housing usw.

## The advantages of a tailor-made solution

- Inpotron products are unique and customer-specific.
- Full in-house production! The result: Process and cost-optimized overall solution.
- Global purchasing benefits (exploitation of worldwide prices and best qualities).
- Tried and tested: Component pool, circuit topologies, layout/design specifications.
- High reliability:  
Calculated life time >10 years when continuously operated 24h / 365 days
- Extremely low failure rate: < 3‰ (50% user-induced).
- Complete approval service, with approval guarantee.
- Ability to supply: No shortages, long-term availability.
- Repair service, even after discontinuation of product.
- No modifications without consultation: Reliable function and approval.
- Emergency production option: Notarized production documents.
- Regular optimization control even after purchase.

**References: About 90 customers from different industrial sectors worldwide**



Building services



Medical technology



Mechanical



mobility aid systems



Professional weighing systems



Industrial monitor and I/O-terminals

**Other examples**

Door automation products

Building blind control

LED - Office- / Shop- / Street lighting

SAT-amplifier and multi switch technology

TV cable and telecom technology

Network technology for data communication

Sensor-/Interface technology and automation

Renewable energies

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**Thank you!**

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