

# Exhibitions 2025



# 2025

Being Different is Amazing



- R&D Engineering
- Safety and EMC Laboratory
- Electronic Manufacturing
- Certificates
- Clients Worldwide
- Power Electronic Products



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## TPS Mönchengladbach Germany

- Sales
- R&D Engineering
- Warehouse



## TPS Shanghai China

- Sales
- R&D Engineering
- Production

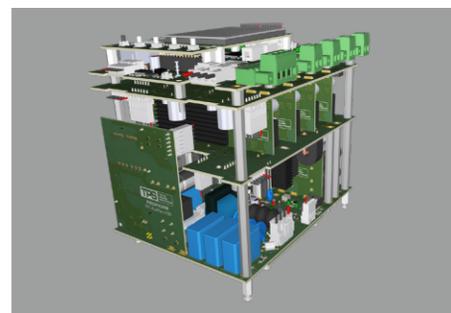
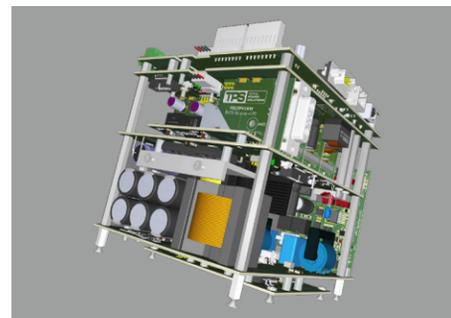
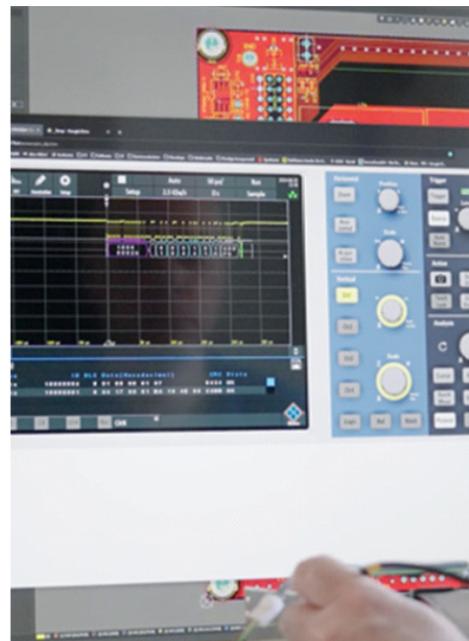
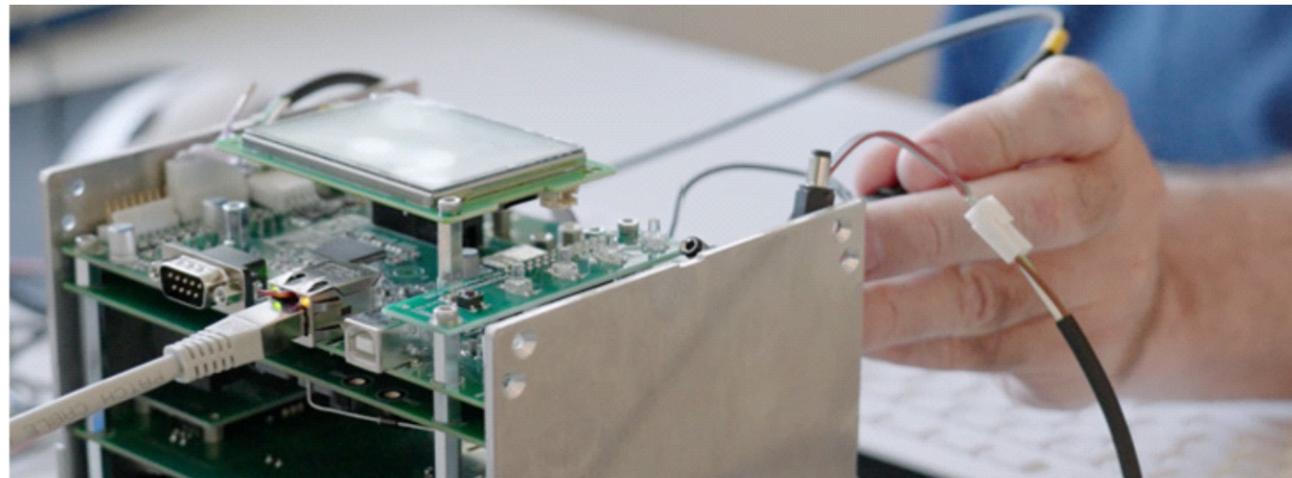
# About TPS

The tenet of TPS is to work hard for your success!

TPS is a solution provider in power electronics field, boasting both Chinese and German R&D Engineers along with advanced manufacturing capabilities. Furthermore, TPS wiladeply leverage our extensive international market network to facilitate the promotion ofcustomer products worldwide.

## R&D Engineering

TPS specializes in the development of hardware and software applications for power electronics. Applications such as AC and DC sources, charging stations, on-board chargers (OBCs), photovoltaic inverters, battery charge and discharge tests, power conversion system (PCS) storage management, et cetera are part of our scope of application, with power levels ranging from a few hundred watts to several hundred kilowatts. Currently, a team of Chinese and German engineers is working at TPS on the development of hardware and software. At the same time, TPS also collaborates with a number of partners to achieve win-win cooperation.



## Safety and EMC Laboratory



### Conducted Emission Testing

- EN 55032 Conducted Emission On AC And Telecom port 150kHz to 30MHz
- CISPR 11\_EN55011 CISPR 12\_EN55012
- CISPR 13\_EN55013 CISPR 14\_EN55014
- CISPR 15\_EN55015 CISPR 22\_EN55022
- CISPR 25\_EN55025 CISPR 36\_EN55036

### Electrical Safety Testing

- AC withstand voltage test
- DC withstand voltage test
- Insulation resistance test
- AC Ground bond resistance test
- Leakage current test
- Power test
- Startup test
- Loop test

### Continuous Radio Frequency Disturbances Testing

- IEC/EN 61000-4-6 150kHz to 230MHz

### Power Frequency Magnetic Field Testing

- IEC/EN 61000-4-8

### Harmonic Current Emission Testing

- EN 61000-3-2

### Voltage Fluctuations and Flicker teTting

- EN 61000-3-3

### Electrostatic Discharge Testing

- IEC/EN 61000-4-2

### Electrical Fast Transient Burst Testing

- IEC/EN 61000-4-4

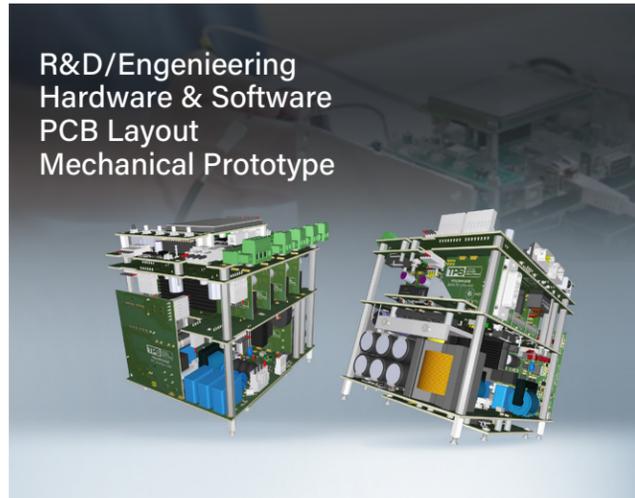
### Surge Testing

- IEC/EN 61000-4-5

### Volt.Interruptions Volt.Dips Testing

- IEC/EN 61000-4-11

**Electronic Manufacturing**



**Certificates**



ISO 9001



ISO 13485



IATF 16949



ISO 14001



ISO 45001



CQM

**> 2600 Clients Worldwide**



## Power Electronic Products

### Power Supplies

- Computing power supplies, desktop/plug-in power supplies
- Openframe and unlocked built-in power supplies
- Medical power supplies
- DIN RAIL power supplies
- Print modules
- Chargers for Lead Acid and Lithium Batteries
- UPS Modular



### Measuring Equipments & Test Devices

- Current Sensor
- EMC Equipments
- Safety Tester
- Temp Chamber
- Needle Test Adapter
- Oscilloscope
- Current Probe
- Voltage Probe



### Cell Test Systems

- High Accuracy: 0.03% F.S.R. voltage and current accuracy, 3-range current
- High Efficiency: 760V high-voltage DC bus, silicon carbide chip, achieving 81% charging efficiency
- Fast Response: 3ms current response time, 5ms current switching time
- System Integration: Supports control of temp. chamber and water cooler or other equipment
- Full Test Function: support DCIR, simulate working conditions, pulse, matrix following and other complex tests, variable assignment supported
- Current Range: 100A, 400A, 600A and up to 2400A in Parallel Operation



### Inrush Current Protectors & EMV Filters

- Inrush Current Limiter
- EMV Filter
- Isolated Transformers
- Lightning/Surge Protection



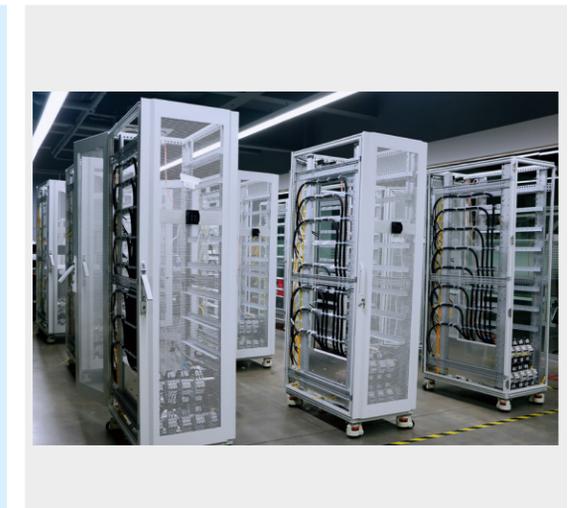
### Programmable Bidirectional Power Supplies

- AC Source and Bidirectional
- DC Source and Bidirectional
- Power Grid Simulator
- Battery Simulator
- Solar Panels Simulator



### Alu Cooler, Cabinet, Metal Parts

- Alu Cooler, Water Cooler
- 19-inch Cabinets
- Metal Parts
- Cable (CE, UL APPROVED)
- Thermal Paste





# Locations

## TPS Mönchengladbach, Germany

Mönchengladbach is a city in western Germany with approximately 260,000 inhabitants, near the Dutch border.

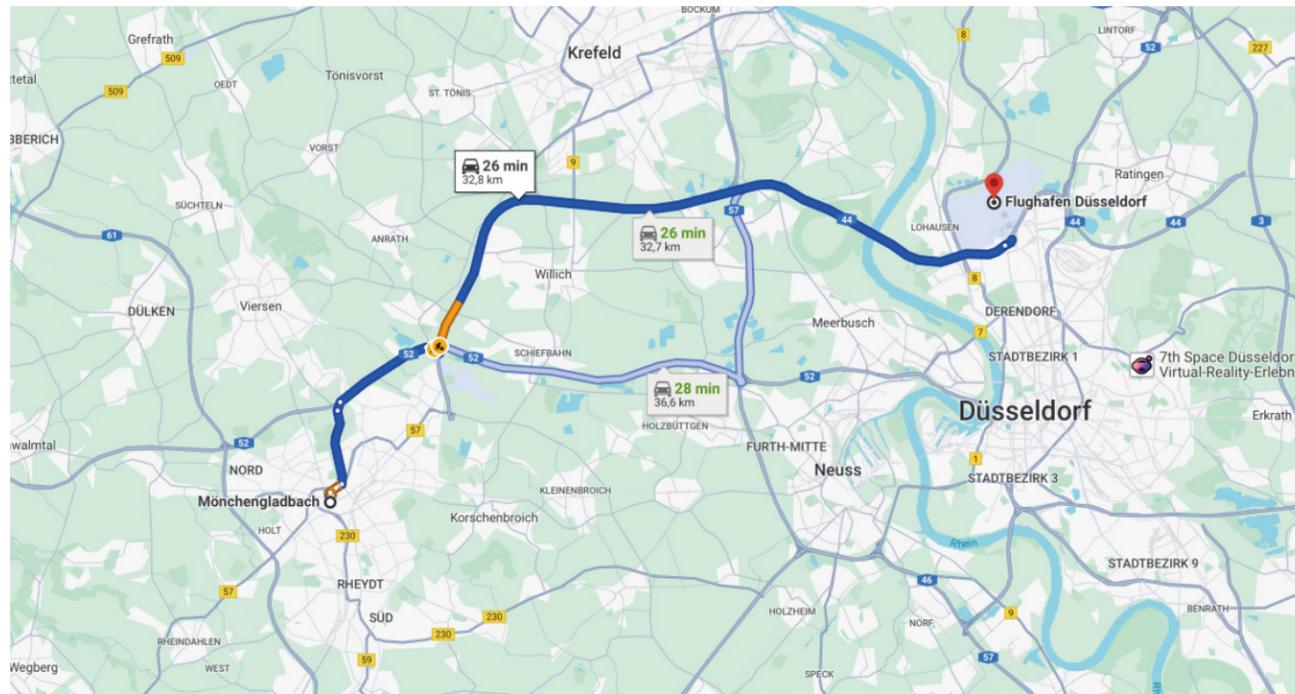


## A Green Pearl On the Niederrhein

Mönchengladbach shines with its renowned green spaces and parks such as the Bunter Garten and the Schlosspark Wickrath. A true landmark and the pulsating heart of the football club Borussia Mönchengladbach is the imposing Borussia-Park Stadium. The Abteiberg is a cultural oasis, which not only houses a captivating contemporary art exhibition but also presents a fascinating collection of modern art. Additionally, the city is known for its textile industry and its verdant parks



## TPS Mönchengladbach, Location



## TPS Shanghai, China

Songjiang is an administrative district located southwest of Shanghai. With a long history, rich cultural heritage, and artistic resources. Songjiang District is forging ahead to build itself into an art hub, a capital of film and TV production, and a destination of cultural relics. It is a place of living heritage, with many national-level intangible cultural heritages.

Songjiang, also known as Yunjian, is ideal for innovation, entrepreneurship, investment, and business. There are also several well-known universities and science and technology industrial parks. Many cutting-edge scientific and technological achievements from here reach the world. Songjiang is also home to a series of first-class five-star resort hotels.

## Tourist Attraction

- Guangfulin Cultural Relics Park
- Shanghai Chen Shan Botanical Garden
- Zuibaichi Park
- Shanghai Film Studios Amusement Park
- Shanghai Happy Valley
- Sheshan National Forest Park



## TPS Shanghai Location

