



# Plug&Test Lab for electrical energy storage systems

# Plug in and start testing!

Plug&Test Lab with sophisticated security concept.

The market for electric vehicles is on the move and the pressure to introduce innovations in the field of electric mobility is rapidly rising. This also increases the need for readily available standard test solutions for the temperature and climate testing of lithium-ion vehicle batteries.

Weiss Technik and DSA have developed a mobile, container-based Plug&Test Solution for precisely this purpose. This enables standards-compliant testing and fulfils all the necessary safety specifications for electrical energy storage systems.

- 1 Test chamber
- 2 Specimen (battery pack)
- 3 Air-treatment system
- 4 Cooling machines
- 5 Operator station
- 6 Extinguishing system
- 7 Switch cabinet cooling
- 8 External liquifier
- 9 Cyclor
- 10 Split air-conditioner
- 11 Central automation system
- 12 Battery conditioning system
- 13 Decentral automation system

## Your benefits:

- Mobile stand-alone test laboratory, ready for use in shortest time
- Compact system for end-of-line, prototype and long-term testing
- Climate test chamber with safety equipment in accordance with Hazard Level 6
- Cost-effective development of new test sites
- Simple expansion of existing testing capacities

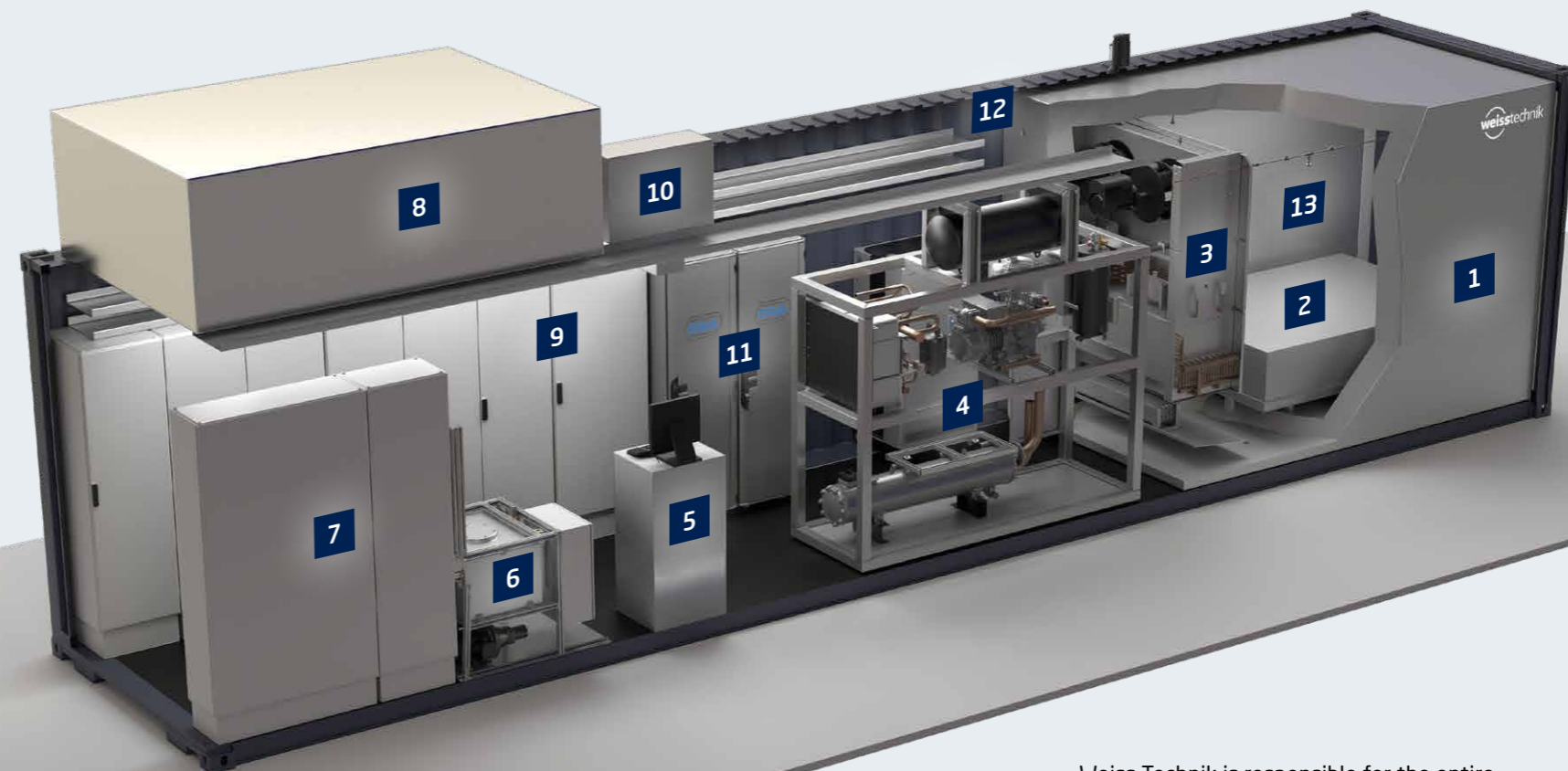
# Full load of know-how for electromobility.

Cleverly combined for your safety.

Plug&Test Lab perfectly combines the industry expertise of two highly specialised companies:

Weiss Technik, long-standing and globally leading specialist for environmental simulations with proven expertise in mobility. Weiss Technik develops and supplies a wide range of solutions for the automotive industry, from compact climate test chambers to chassis dynamometers for complete vehicles.

DSA, leading expert in innovative and customer-specific diagnostic solutions for vehicle electronics, offering hardware, software and services for testing vehicles and components such as high-voltage batteries.



Weiss Technik is responsible for the entire container construction, air-conditioning technology and project coordination. DSA supplies the hardware and software for the battery test, the DUT contacting and test protocols as well as the higher-level safety PLC. **Benefit from the perfect combination!**

# We measure ourselves by our service.

We think and act collaboratively service-oriented. With our service teams, we offer sustainable solutions for long-term safe system operation.



Our services -  
lots of good reasons:

- Global service network
- Wide selection of preventive maintenance
- Reliable spare part supply
- Special deployments available any time
- Certified proper disposal of outdated devices

Our Service Experts are always near you.

**24/7-Service-Helpline:**  
**+49 1805 666 556**

## Professional consulting.

Our experienced experts are ready to support you from the first idea to after-sales service in every step of your project, by telephone or on the spot.

## Maintenance and servicing.

We offer different Service Levels and guaranteed reaction times after the receipt of the fault report. Our full maintenance Service provides additional safety with calculable costs.

## Spare parts management.

Many spare and wearing parts are directly available in our warehouse. To further increase operational reliability, selected spare parts can additionally be stocked on site. We will be happy to advise you.

## Instruction and training.

We provide regular trainings covering the application, operation and software of the units. We also offer customer-specific workshops on request at your location.

## Weiss Technik GmbH

Greizer Straße 41-49  
35447 Reiskirchen/Germany  
T +49 6408 84-0  
info@weiss-technik.com  
www.weiss-technik.com



## DSA Daten- und Systemtechnik GmbH

Pascalstraße 28  
52076 Aachen  
T +49 2408 9492-0  
sales@dsa.de  
www.dsa.de



Management System  
ISO 9001:2015  
ISO 14001:2015  
ISO 45001:2018

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**Test it. Heat it. Cool it.**

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