

HOMOLOGATION SERVICES for Battery Safety



COMPREHENSIVE TESTING SERVICES FOR
TYPE-APPROVAL OF RECHARGEABLE
ELECTRICAL ENERGY STORAGE SYSTEMS
(REESS)



COMPREHENSIVE TESTING

for single- and multitrack electric vehicles and their batteries (REESS) according to UN ECE Regulation Nos. 100 and 136:

- Insulation resistance and monitoring system testing
- Hydrogen emissions during charging
- Vibration testing
- Thermal shock and cycle testing
- Shock testing
- Mechanical integrity testing
- Fire resistance testing
- External short-circuit protection
- Overcharge protection and protection against excessive discharge
- Overheating protection

YOUR ADVANTAGES:

- **All-In-One Competence:** Our portfolio covers the complete examination of electric vehicles and their batteries.
- **State-of-the-Art Equipment:** We and our partner labs employ cutting-edge equipment for utmost precision, accuracy, and reliability throughout the entire testing process.
- **Technical Expertise and Customer Focus:** Our experienced team ensures a testing process tailored precisely to your individual requirements.

WHY CHOOSE US?

- **Industry Leaders:** With our extensive experience and expertise, we are at the forefront of testing and managing the type approval procedures for vehicle components.
- **Customer Satisfaction:** We prioritize the satisfaction of our customers and strive to provide outstanding service.

TYPE-APPROVAL PROCESS:

- **Efficient Process:** In collaboration with the German Type-Approval Authority (Kraftfahrt-Bundesamt), we ensure swift and seamless approval of your electric devices.
- **Transparent Communication:** We keep you informed at every step of the approval process and remain available to respond to any questions or concerns you may have.

QUALITY GUARANTEE:

- **Quality Standards:** We strictly adhere international quality standards of ISO/IEC 17025 for testing laboratories to ensure all testing procedures of your electric devices meet legal requirements.
- **Reliability:** Our reputation identifies us as a trustworthy partner for your approval requirements.

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