




Prototyping & exploration
alternative energy and
drive technology

YOUR PARTNER FOR

-  Engineering
-  Simulation
-  Testing



FROM THE FIRST IDEA TO THE FINISHED PRODUCT

Electronic components are the basic components of every circuit and it is impossible to imagine our everyday life without them. Whether measurement technology, automation technology or electronics – we accompany our customers beginning from the procurement or development of individual components such as cells, cell modules, BMS, to the preparation of specifications and requirements, to the prototype and small series production of assemblies or devices. In so doing, we draw on our many years of experience in testing and measurement technology, among other things. Thereby, we support our customers in optimising battery systems as well as HV components.

Furthermore, we manufacture in partnership exchange with our customers and under inclusion of standards (including HV guidelines), we produce customer-specific solutions in-house – all from a single source.

Our portfolio of services includes:

- Creation of requirement and functional specifications in cooperation with the component and function managers
- Adaptation and revision of specifications of existing requirements
- Support in the selection and analysis of different manufacturing processes such as welding processes, assembly processes and their auxiliaries
- Application, integration and packaging
- Troubleshooting and analysis of battery systems as well as HV components in case of failures, error cases or after „end-of-life“
- Test or development-side safeguarding of high-voltage components, e.g., lithium-ion battery, on-board charger, power electronics or e-machine
- Development of functions and components, e.g., on the charging system / on hybrid and electric vehicles
- Definition, protection and responsibility of the components and functions on the test rig as well as in the vehicle

TOGETHER INTO THE CO₂-NEUTRAL FUTURE!

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