



BATTERY TESTING ABUSE, ELECTRICAL AND THERMAL

Research and development-related

www.zsw-bw.de

BATTERY TESTING – ELECTRICAL AND DESTRUCTIVE

- Development-related tests according to customer specifications
- Tests according to industry standards, e.g. LV123, LV124, LV148, R100, UN38.3
- Performance tests on operation, abuse and safety
- Cycle and calendar life measurement; electrical and thermal simulations
- Battery cells, modules and large systems up to 360 kW
- Controllable climate chambers and liquid coolers for flexible thermal variation
- Destructive tests up to 5 kWh electrical energy content
- Propagation and TR investigation with gas and energy content analysis
- Testing of current and new cell chemistries
- Tear down analysis of energy storage systems down to cell level
- Technical consulting, training & workshops



Zentrum für Sonnenenergie- und Wasserstoff-
Forschung Baden-Württemberg (ZSW)
Lise-Meitner-Straße 24 • 89081 Ulm • Germany

Contact:

Dr. Olaf Böse, Head of Department

olaf.boese@zsw-bw.de • Phone +49 731 9530-551